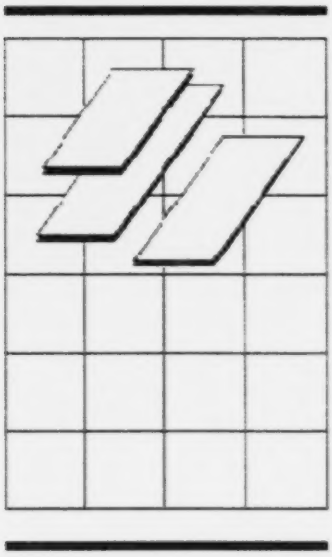

# Fire Commissioner's Statistical Report

Alberta

MUNICIPAL AFFAIRS
Fire Commissioneris Office
11C Commerce Place, 10155 - 102 St
Edmonton AB T5J 4L4

2000

103-02764/

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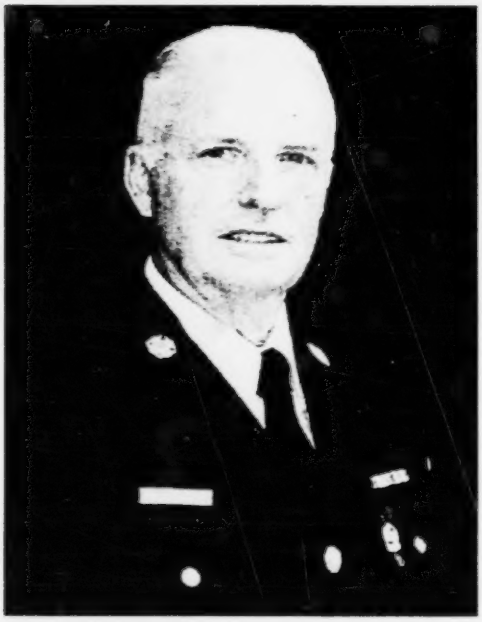
# Fire Commissioner's Message (2000 annual report)



Fire Commissioner – J. Pat Graham

The start of a new decade created a range of emotions and concerns among Albertans. Many were thrilled with the start of a new millennium, yet a large number were also consumed with concern about the Y2K problem. The new decade and a new millennium were also reflected in the fire statistics for the year. On a positive note, there were a number of decreases in the fire realm, most notably a 47 % reduction in deaths, down to 27, which was a very significant change from the previous year's 51 deaths. Fatalities included 18 men, 8 women and one child under 16 years.

The number of fires also decreased, down to a 10-year low of 6455, from a high of 8097 in 1991. Injuries were also at a 10-year low of 341. Property losses of $158,918,711 represented an increase from the previous year, and served as the highest figure in a 10-year period.

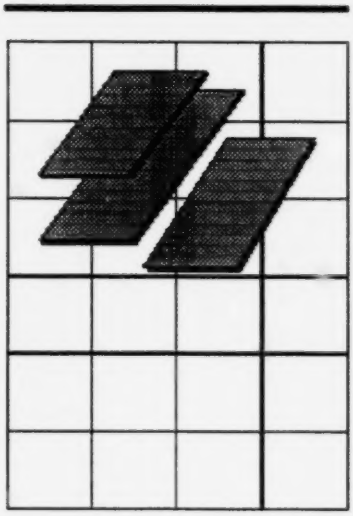
In 2000, 25% of all fires occurred in homes, which also served as the place for 70 % of fire deaths, 54% of fire injuries and 38% of property losses.

It is disturbing that smoke alarms were installed in only 58% of Alberta homes that experienced fires in 2000. Of these, only 39% were activated during fires. Where alarms did not activate, the main causes were lack of a power source or battery, dead battery, electricity off or electricity not connected.

One in five Alberta fires (20%) in year 2000 was incendiary in origin (arson, mischief related fires). These fires accounted for 15% of deaths, 21% of injuries and 11% of property losses from all fires. The majority (62%) of incendiary fires were in the special property/transportation equipment category of property classes. This was followed by residential properties, which accounted for 13% of all incendiary fires. Act or omission was unknown or undetermined in 13% of the fires in 2000.

Smoker's material and 'open' flames were the main sources of ignition (25%) accounting for 48% of deaths, 19% of injuries and 19% of property losses in all fires in 2000. Sources of ignition were unknown or undetermined in 19% of the fires in 2000.

The detailed statistics provided in this report support the importance of education and other approaches to reducing the frequency and severity of fires in the province. Since most fire deaths and injuries happen in homes, the Fire Commissioner's Office focuses special attention on home fire safety. Two major campaigns conducted province-wide in 2000 were the Fire Prevention Week campaign in October, which emphasized the importance of fire drills through the theme "The Great Escape"; and the Holiday Fire Safety Campaign in December, which promoted the theme "Holiday Hazards: Wrap Them Up!"



# Alberta Fire Casualties

## ➤ Fire Deaths 1991 – 2000

| YEAR | Adult | | Child | | TOTAL |
|---|---|---|---|---|---|
| | FEMALE | MALE | FEMALE | MALE | |
| 1991 | 8 | 20 | 6 | 3 | 37 |
| 1992 | 2 | 9 | 3 | 3 | 17 |
| 1993 | 11 | 11 | 1 | 6 | 29 |
| 1994 | 5 | 16 | 1 | . | 22 |
| 1995 | 6 | 15 | 4 | 6 | 31 |
| 1996 | 8 | 22 | 1 | 3 | 34 |
| 1997 | 7 | 12 | 3 | 2 | 24 |
| 1998 | 4 | 8 | . | . | 12 |
| 1999 | 7 | 15 | 2 | 10 | 34 |
| 2000 | 7 | 12 | 1 | . | 20 |
| TOTAL | 65 | 140 | 22 | 33 | 260 |

A fire death is an accidental death directly due to fire or death within one year of a fire injury.

## ➤ Deaths Involving Fire 1991 – 2000

| YEAR | Child | | Adult | | TOTAL |
|---|---|---|---|---|---|
| | FEMALE | MALE | FEMALE | MALE | |
| 1991 | 2 | 1 | 1 | 10 | 14 |
| 1992 | . | . | 1 | 7 | 8 |
| 1993 | . | 1 | 1 | 5 | 7 |
| 1994 | . | . | . | 3 | 3 |
| 1995 | . | . | 1 | 4 | 5 |
| 1996 | 1 | . | . | 6 | 7 |
| 1997 | . | 2 | 3 | 8 | 13 |
| 1998 | 1 | 1 | 1 | 5 | 8 |
| 1999 | 1 | 1 | 4 | 11 | 17 |
| 2000 | . | . | 1 | 6 | 7 |
| TOTAL | 5 | 6 | 13 | 65 | 89 |

A death involving fire is a death from causes other than fire, but occurs at a fire incident.

## ➤ Fire Deaths by Geographic Location – 2000

| | |
|---|---|
| THORHILD | 1 |
| RED DEER COUNTY | 1 |
| LEDUC COUNTY | 1 |
| CLYDE | 1 |
| REGIONAL MUNICIPALITY OF WOOD BUFFALO | 1 |
| M.D. OF FOOTHILLS #31 | 1 |
| M.D. OF ROCKY VIEW #44 | 1 |
| M.D. OF CLEARWATER #99 | 1 |
| DRAYTON VALLEY | 1 |
| M.D. OF GREENVIEW #16 | 1 |
| BUSHE RIVER #207 FIRST NATIONS RESERVE | 1 |
| STONEY #144 FIRST NATIONS RESERVE | 1 |
| CONSORT | 2 |
| CITY OF CALGARY | 4 |
| CITY OF EDMONTON | 6 |
| CITY OF GRANDE PRAIRIE | 2 |
| CITY OF LEDUC | 1 |
| **TOTAL** | **27** |

## ➤ Death Rates – 2000

| Year | Population | Fire Deaths | Other Deaths Involving Fire | Total Deaths | Fire Death Rate* | Fire Death Rate* |
|---|---|---|---|---|---|---|
| 1991 | 2,510,001 | 37 | 14 | 51 | 1.5 | 1.4 |
| 1992 | 2,543,033 | 17 | 8 | 25 | 0.7 | 1.4 |
| 1993 | 2,574,890 | 29 | 7 | 36 | 1.1 | 1.5 |
| 1994 | 2,601,282 | 22 | 3 | 25 | 0.8 | 1.3 |
| 1995 | 2,615,873 | 31 | 5 | 36 | 1.2 | 1.4 |
| 1996 | 2,679,435 | 34 | 7 | 41 | 1.3 | 1.3 |
| 1997 | 2,744,731 | 24 | 13 | 37 | 0.9 | 1.4 |
| 1998 | 2,781,290 | 12 | 8 | 20 | 0.4 | 1.1 |
| 1999 | 2,871,271 | 34 | 17 | 51 | 1.2 | 1.3 |
| 2000 | 2,932,963 | 20 | 7 | 27 | 0.7 | – |
| | | Alberta | | | | Canada |

*Fire Deaths per 100,000 population

## ➤ Fire Deaths by Age & Sex – 2000

| Status and Sex of Casualty | | Age in Years | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|
| | | 6-15 | 16-25 | 26-35 | 36-45 | 46-55 | 56-65 | Over 65 | |
| CIVILIAN | FEMALE | 1 | . | 1 | 1 | 1 | 1 | 3 | 8 |
| | MALE | . | 1 | 1 | 4 | 2 | 2 | 2 | 12 |
| Total Deaths | | 1 | 1 | 2 | 5 | 3 | 3 | 5 | 20 |

## ➤ Deaths Involving Fire by Age & Sex – 2000

| Status and Sex of Casualty | | Age in Years | | | | | Total |
|---|---|---|---|---|---|---|---|
| | | 16-25 | 26-35 | 36-45 | 46-55 | 56-65 | |
| Civilian | Female | . | . | . | 1 | . | 1 |
| | Male | 1 | 1 | 2 | 1 | 1 | 6 |
| Total Deaths | | 1 | 1 | 2 | 2 | 1 | 7 |

## ➤ Injuries by Age & Sex – 2000

| Status and Sex of Casualty | | Age in Years | | | | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Unknown | 0-5 | 6-15 | 16-25 | 26-35 | 36-45 | 46-55 | 56-65 | Over 65 | |
| FIREFIGHTER | FEMALE | 2 | . | . | . | 1 | . | . | . | . | 3 |
| | MALE | 28 | . | . | 4 | 17 | 24 | 17 | 1 | 1 | 92 |
| CIVILIAN | FEMALE | 4 | 2 | 10 | 7 | 13 | 8 | 4 | 2 | 12 | 62 |
| | MALE | 29 | 3 | 14 | 25 | 31 | 41 | 21 | 11 | 9 | 184 |
| Total Injuries | | 63 | 5 | 24 | 36 | 62 | 73 | 42 | 14 | 22 | 341 |

➤ Condition of Fatal Casualties – 2000

| Condition of Casualty | No. | % |
|---|---|---|
| Condition of casualty-Unknown | 7 | 35.0 |
| Asleep at time of fire | 4 | 20.0 |
| Bedridden/physical handicap | 2 | 10.0 |
| Impaired: alcohol/drugs/medicn. | 2 | 10.0 |
| Awake and normal | 5 | 25.0 |
| Total | 20 | 100.0 |

➤ Action of Fatal Casualties – 2000

| Action of Casualty | No. | % |
|---|---|---|
| Action of casualty-Unknown | 8 | 40.0 |
| Injured while attempting escape | 2 | 10.0 |
| Overexertion, heart attack | 1 | 5.0 |
| Entered/remained for rescue purposes | 2 | 10.0 |
| Entered/remained to save property | 1 | 5.0 |
| Loss of judgment/panic | 1 | 5.0 |
| Received delayed warning | 2 | 10.0 |
| Did not act | 1 | 5.0 |
| Action of casualty-Unclassified | 2 | 10.0 |
| Total | 20 | 100.0 |

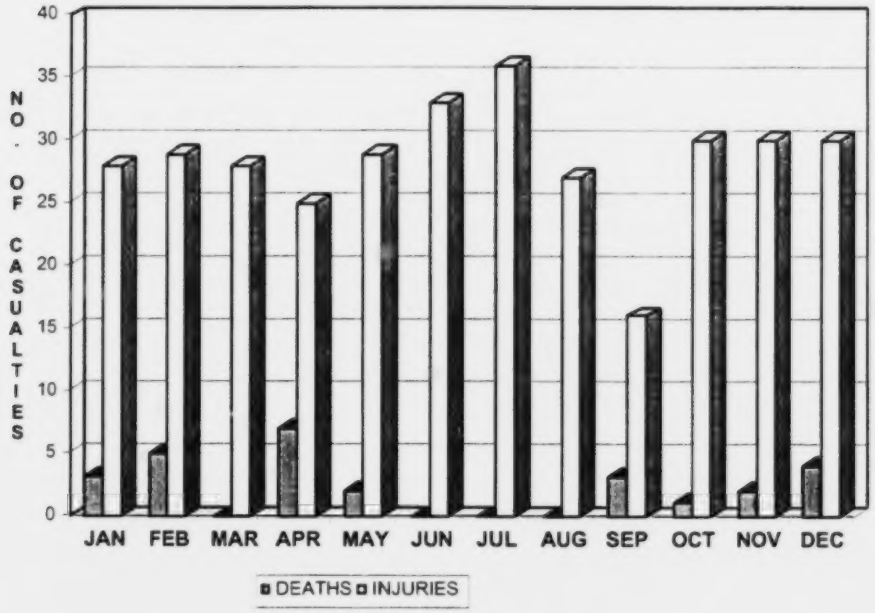
➤ Condition of Injured Casualties – 2000

| Condition of Casualty | No. | % |
|---|---|---|
| Condition of casualty-Unknown | 37 | 10.9 |
| Asleep at time of fire | 44 | 12.9 |
| Bedridden/physical handicap | 3 | 0.9 |
| Impaired: alcohol/drugs/medicn. | 22 | 6.5 |
| Awake and normal | 190 | 55.7 |
| Too young to react to fire | 2 | 0.6 |
| Mental handicap(senile) | 4 | 1.2 |
| Children left unattended | 2 | 0.6 |
| Condition of casualty-Unclassified | 37 | 10.9 |
| Total | 341 | 100.0 |

➤ Action of Injured Casualties – 2000

| Action of Casualty | No. | % |
|---|---|---|
| Action of casualty-Unknown | 41 | 12.0 |
| Injured while attempting escape | 40 | 11.7 |
| Entered/remained for rescue purposes | 15 | 4.4 |
| Entered/remained for firefighting | 126 | 37.0 |
| Entered/remained to save property | 17 | 5.0 |
| Loss of judgment/panic | 17 | 5.0 |
| Received delayed warning | 18 | 5.3 |
| Did not act | 21 | 6.2 |
| Action of casualty-Unclassified | 46 | 13.5 |
| Total | 341 | 100.0 |

➤ Fire Casualties by Month – 2000




➤ Fire Casualties by Time Period – 2000

| Time Periods | TYPE OF CASUALTY | | | |
|---|---|---|---|---|
| | All Injuries | | Fire Deaths | |
| | No. | % | No. | % |
| 2:30pm - 10.29pm | 148 | 43.4 | 8 | 40.0 |
| 6:30am - 2:29pm | 107 | 31.4 | 8 | 40.0 |
| 10:30pm-6:29am | 86 | 25.2 | 4 | 20.0 |
| Total | 341 | 100.0 | 20 | 100.0 |

## ➤ Deaths by Major Property Classification – 2000

| Property Classification | | Fire Deaths | | Deaths Involving Fire | |
|---|---|---|---|---|---|
| | | No. | % | No. | % |
| Residential | One and two family dwellings | 8 | 40.0 | 3 | 42.9 |
| | Apartments | 6 | 30.0 | . | . |
| | Mobile homes | 2 | 10.0 | . | . |
| | Motor home/camperized van | . | . | 1 | 14.3 |
| | Sub Total | 16 | 80.0 | 4 | 57.1 |
| Special Property-Transportation Equip. | General truck (non-flammable cargo) | 1 | 5.0 | 1 | 14.3 |
| | Automobile (Incl. car/ambulance) | . | . | 1 | 14.3 |
| | Trash/rubbish (incl. containers) | 1 | 5.0 | . | . |
| | Sub Total | 2 | 10.0 | 2 | 28.6 |
| Storage Properties | Storage properties-Unclass. | . | . | 1 | 14.3 |
| | Aircraft storage hangars | 1 | 5.0 | . | . |
| | Scrap/junkyard | 1 | 5.0 | . | . |
| | Sub Total | 2 | 10.0 | 1 | 14.3 |
| Total | | 20 | 100.0 | 7 | 100.0 |

## ➤ Fire Deaths by Act or Omission – 2000

| Act or Omission | | Fire Deaths | | Deaths Involving Fire | |
|---|---|---|---|---|---|
| | | No. | % Of Total | No. | % Of Total |
| Human Failing | Asleep (suspect alcohol/drugs/medicn.) | 2 | 10.0 | 1 | 14.3 |
| | Impaired (suspect alcohol/drugs/medicn.) | 3 | 15.0 | . | . |
| | Physical or mental disability | 2 | 10.0 | 1 | 14.3 |
| | Sub Total | 7 | 35.0 | 2 | 28.6 |
| Incendiary | Suspected arson | 1 | 5.0 | . | . |
| | Arson to satisfy compulsive desires | 1 | 5.0 | . | . |
| | Arson/set fire-Unclassified | . | . | 1 | 14.3 |
| | Arson/set fire-Unknown | . | . | 1 | 14.3 |
| | Sub Total | 2 | 10.0 | 2 | 28.6 |
| Misuse of Source of Ignition | Smoker's material | 3 | 15.0 | . | . |
| | Torch too close to | . | . | 1 | 14.3 |
| | Inadequate control of 'open' fire | 1 | 5.0 | . | . |
| | Thawing | . | . | 1 | 14.3 |
| | Sub Total | 4 | 20.0 | 2 | 28.6 |
| Constructn., Design, Installn. Def. | Installed too close to combustible | 2 | 10.0 | . | . |
| | Sub Total | 2 | 10.0 | . | . |
| Misuse of Material Ignited | Misuse of Mat. Ignited-Unclassified | 1 | 5.0 | . | . |
| | Sub Total | 1 | 5.0 | . | . |
| Mech., Electr. Failure, Malfunction | Part failure, leak, break | 1 | 5.0 | . | . |
| | Sub Total | 1 | 5.0 | . | . |
| Unknown/Unclassified | Unknown or unclassified | 3 | 15.0 | 1 | 14.3 |
| Total | | 20 | 100.0 | 7 | 100.0 |

## ➤ Fire Deaths by Ignition Scenarios – 2000

One and two family dwellings

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Igniting object-Unknown | Act or omission-Unknown | Material first ignited-Unknown | 1 |
| | Impaired (suspect alcohol/drugs/medicn.) | Material first ignited-Unknown | 1 |
| Stove/top burner (fire in pan) | Asleep (suspect alcohol/drugs/medicn.) | Cooking oil/fat | 2 |
| Cigarette | Smoker's material | Bedding | 1 |
| | Impaired (suspect alcohol/drugs/medicn.) | Garbage, trash, rubbish | 1 |
| Match | Arson to satisfy compulsive desires | Cardboard, cardboard items | 1 |
| Match/lighter cannot be determined | Suspected arson | Floor covering: carpet/rug | 1 |
| Sub Total | | | 8 |

Apartments

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Igniting object-Unknown | Act or omission-Unknown | Material first ignited-Unknown | 2 |
| Cigarette | Smoker's material | Furniture (upholstered) | 1 |
| | | Mattress/pillow | 1 |
| Lighter | Misuse of Mat. Ignited-Unclassified | Plastics: not cellulose nitrate | 1 |
| Match/lighter cannot be determined | Physical or mental disability | Bedding | 1 |
| Sub Total | | | 6 |

## ➤ Fire Deaths by Ignition Scenarios – 2000 (cont'd)

Mobile homes

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Incandescent lamp/lightbulb/heat lamp | Installed too close to combustible | Drapery,curtain/blind | 2 |
| Sub Total | | | 2 |

Scrap/junkyard

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Cutting torch | Physical or mental disability | Clothing/textiles-Unknown | 1 |
| Sub Total | | | 1 |

Aircraft storage hangars

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Igniting object-Unclassified | Part failure, leak, break | Flammable/combustible liquid-Unknown | 1 |
| Sub Total | | | 1 |

Trash/rubbish (incl. containers)

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Match/lighter cannot be determined | Inadequate control of 'open' fire | Garbage, trash, rubbish | 1 |
| Sub Total | | | 1 |

## ➤ Fire Deaths by Ignition Scenarios – 2000 (cont'd)

General truck (non-flammable cargo)

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Match | Impaired (suspect alcohol/drugs/medicn.) | Paper/packing material | 1 |
| Sub Total | | | 1 |

| Total Fire Deaths | 20 |
|---|---|

## ➤ Deaths Involving Fire by Ignition Scenarios – 2000

One and two family dwellings

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Stove/top burner (fire in pan) | Arson/set fire-Unclassified | Flammable liq.(flash pt<=37C):solvent | 1 |
| Match | Arson/set fire-Unknown | Flammable/combustible liquid-Unknown | 1 |
| Match/lighter cannot be determined | Physical or mental disability | Gasoline | 1 |
| Sub Total | | | 3 |

Motor home/camperized van

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Igniting object-Unknown | Act or omission-Unknown | Material first ignited-Unknown | 1 |
| Sub Total | | | 1 |

## ➤ Deaths Involving Fire by Ignition Scenarios – 2000 (cont'd)

Storage properties-Unclass.

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Cutting torch | Torch too close to | Flammable liq.(flash pt<=37C):solvent | 1 |
| Sub Total | | | 1 |

Automobile (Incl. car/ambulance)

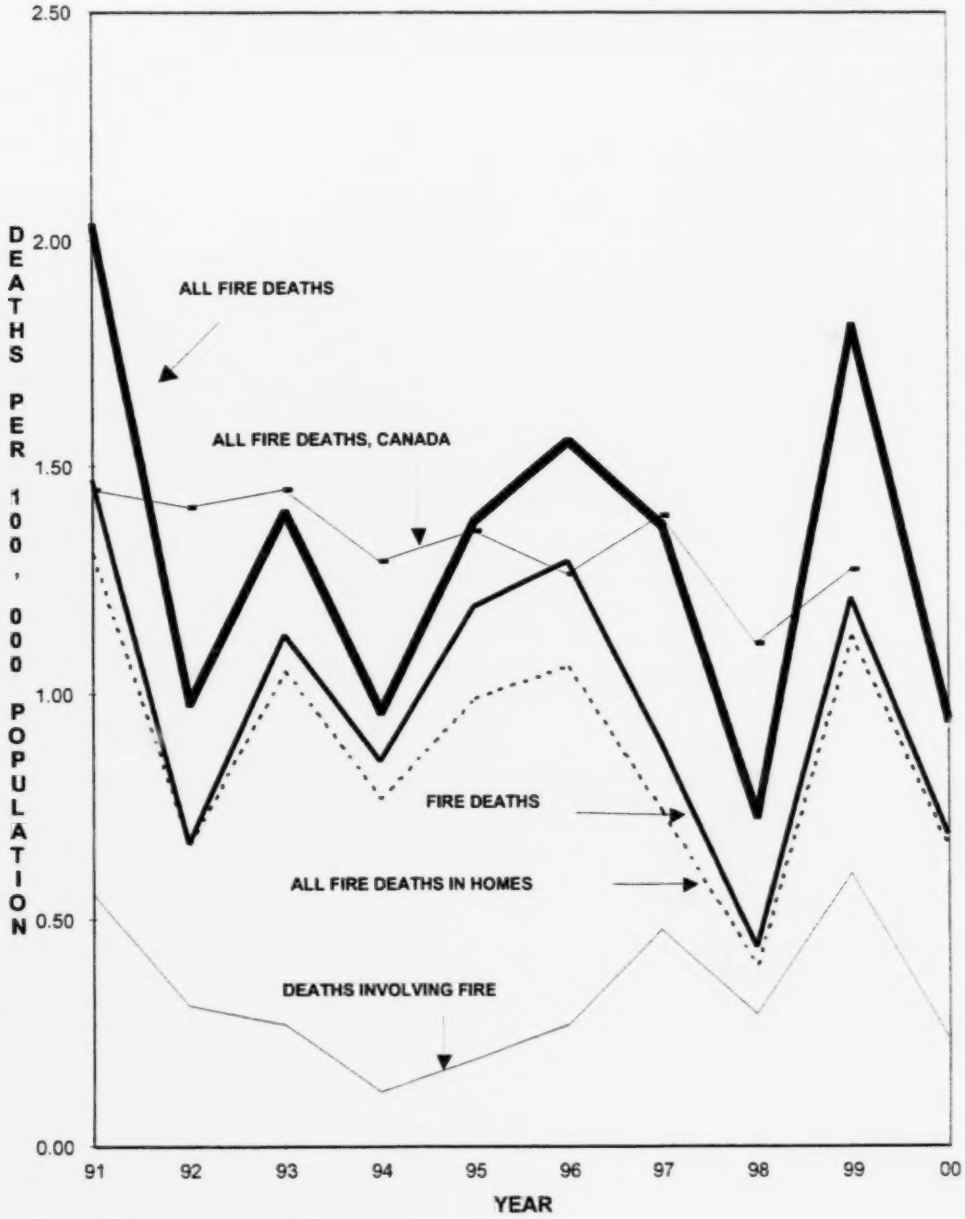
| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Internal combustion engine | Asleep (suspect alcohol/drugs/medicn.) | Grass, brush, leaves | 1 |
| Sub Total | | | 1 |

General truck (non-flammable cargo)

| Source of Ignition | Act or Omission | Material First Ignited | Deaths |
|---|---|---|---|
| Torch, other than cutting, welding | Thawing | Acetylene | 1 |
| Sub Total | | | 1 |

| Total Deaths Involving Fire | 7 |
|---|---|

➤ Trends in Alberta Fire Deaths 1991 – 2000



## ➤ Injuries by Major Property Classification – 2000

| Property Classification | | Minor Injury | Light Injury | Serious Injury | Total | % of Total |
|---|---|---|---|---|---|---|
| Assembly | Ice rink/curling rink | . | 1 | . | 1 | 0.3 |
| | Amusement centre/exhibition stand | 1 | . | . | 1 | 0.3 |
| | Ballroom/gym/community hall | 1 | . | . | 1 | 0.3 |
| | College/university | 1 | . | . | 1 | 0.3 |
| | Restaurant/cafe/diner | 2 | 1 | 2 | 5 | 1.5 |
| | Food/beverage establishment-Unclass. | . | 1 | . | 1 | 0.3 |
| | Sub Total | 5 | 3 | 2 | 10 | 2.9 |
| Institutional | Police station (with or w/o lock-up) | . | 1 | . | 1 | 0.3 |
| | Home for the aged with nursing staff | . | 1 | . | 1 | 0.3 |
| | Home for the aged w/o nursing staff | . | 3 | . | 3 | 0.9 |
| | General hospital | 1 | 1 | . | 2 | 0.6 |
| | Sub Total | 1 | 6 | . | 7 | 2.1 |
| Residential | One and two family dwellings | 69 | 33 | 9 | 111 | 32.6 |
| | Apartments | 51 | 10 | 6 | 67 | 19.6 |
| | Rooming/board./lodg. house (4-8 people) | 1 | . | . | 1 | 0.3 |
| | Hotel/inn/lodge (year round use) | 4 | . | . | 4 | 1.2 |
| | Motor hotel/motel (3-20 units) | 1 | . | . | 1 | 0.3 |
| | Bunkhouse/worker's barracks | 2 | . | . | 2 | 0.6 |
| | Mobile homes | 8 | . | 1 | 9 | 2.6 |

(continued)

➤ Injuries by Major Property Classification – 2000 (cont'd)

| Property Classification | | Minor Injury | Light Injury | Serious Injury | Total | % of Total |
|---|---|---|---|---|---|---|
| | Travel/holiday trailer | 1 | 2 | . | 3 | 0.9 |
| | Motor home/camperized van | . | 1 | . | 1 | 0.3 |
| | Tent | 1 | . | . | 1 | 0.3 |
| | Sub Total | 138 | 46 | 16 | 200 | 58.7 |
| Business and Personal Service | General business office | 1 | . | . | 1 | 0.3 |
| | Sub Total | 1 | . | . | 1 | 0.3 |
| Mercantile | Florist shop/greenhouse | . | 1 | . | 1 | 0.3 |
| | General maintenance shop | 1 | 1 | . | 2 | 0.6 |
| | Vehicle repair/paint shop | 3 | 2 | . | 5 | 1.5 |
| | Miscellaneous mercantile-Unclass. | 2 | 1 | . | 3 | 0.9 |
| | Sub Total | 6 | 5 | . | 11 | 3.2 |
| Industrial Manufacturing Properties | Asphalt/coal product mfg. | 1 | . | . | 1 | 0.3 |
| | Chem./petro./paint/plastic mfg.-Unclass. | . | 1 | 1 | 2 | 0.6 |
| | Metal products mfg. | 1 | . | . | 1 | 0.3 |
| | Machinery mfg. | 6 | . | . | 6 | 1.8 |
| | Industrial mfg.-Unclass. | 2 | 1 | . | 3 | 0.9 |
| | Sub Total | 10 | 2 | 1 | 13 | 3.8 |
| Storage Properties | Paper/(product) storage | 1 | . | . | 1 | 0.3 |
| | Scrap/junkyard | 1 | . | . | 1 | 0.3 |
| | Individual auto parking garage | 9 | 1 | . | 10 | 2.9 |
| | Bus/truck/auto dealer/cab parking garage | . | 1 | . | 1 | 0.3 |

(continued)

➤ Injuries by Major Property Classification – 2000 (cont'd)

| Property Classification | | Minor Injury | Light Injury | Serious Injury | Total | % of Total |
|---|---|---|---|---|---|---|
| | Aircraft storage hangars | 1 | . | . | 1 | 0.3 |
| | Warehouse (general) | 1 | . | . | 1 | 0.3 |
| | Storage properties-Unclass. | 1 | . | . | 1 | 0.3 |
| | Sub Total | 14 | 2 | . | 16 | 4.7 |
| Special Property-Transportation Equip. | Brush/grass/light ground cover/open land | 12 | 7 | 1 | 20 | 5.9 |
| | Fences/poles/railroad ties | 1 | . | . | 1 | 0.3 |
| | Trash/rubbish (incl. containers) | 3 | 3 | 3 | 9 | 2.6 |
| | Outdoor property-Unclass. | 1 | 3 | . | 4 | 1.2 |
| | Building under construction | 1 | 1 | . | 2 | 0.6 |
| | Building under demolition | 1 | . | 1 | 2 | 0.6 |
| | Vacant/condemned property-w/o contents | 1 | 1 | . | 2 | 0.6 |
| | Automobile (Incl. car/ambulance) | 4 | . | 1 | 5 | 1.5 |
| | General truck (non-flammable cargo) | 6 | 4 | 1 | 11 | 3.2 |
| | Vehicle and hauling vehicle | 1 | . | . | 1 | 0.3 |
| | Ground transportation vehicle-Unclass. | 1 | . | . | 1 | 0.3 |
| | Construction equipment (excludes crane) | 3 | . | 2 | 5 | 1.5 |

(continued)

➤ Injuries by Major Property Classification – 2000 (cont'd)

| Property Classification | | Minor Injury | Light Injury | Serious Injury | Total | % of Total |
|---|---|---|---|---|---|---|
| | Farm tractor/equip./grain dryer/harvest. | 2 | 2 | . | 4 | 1.2 |
| | Drilling rig (petro/gas) | 2 | . | 3 | 5 | 1.5 |
| | Barbeque | 1 | . | . | 1 | 0.3 |
| | Sub Total | 40 | 21 | 12 | 73 | 21.4 |
| Miscellaneous Property | Crops/orchards/straw stacks/bales | 1 | . | . | 1 | 0.3 |
| | Shed (inc. implement shed) | 1 | . | . | 1 | 0.3 |
| | Electric light/power plant | . | . | 1 | 1 | 0.3 |
| | Electric light/power distrib. system | 1 | . | . | 1 | 0.3 |
| | Gas distribution system/pipeline | . | 2 | . | 2 | 0.6 |
| | Water supply system/pump house | . | . | 2 | 2 | 0.6 |
| | Miscellaneous-Unclass. | . | . | 1 | 1 | 0.3 |
| | Quonset | 1 | . | . | 1 | 0.3 |
| | Sub Total | 4 | 2 | 4 | 10 | 2.9 |
| Total | | 219 | 87 | 35 | 341 | 100.0 |

## ➤ Injuries by Act or Omission – 2000

| Act or Omission | | Injury, Minor | Injury, Light | Injury, Serious | Total | % Of Total |
|---|---|---|---|---|---|---|
| Incendiary | Act or omission-Unknown | 24 | 12 | 5 | 41 | 12.0 |
| | Arson for vengeful/spiteful purposes | 2 | . | . | 2 | 0.6 |
| | Arson to satisfy compulsive desires | 4 | 2 | . | 6 | 1.8 |
| | Suspected arson | 5 | 1 | 1 | 7 | 2.1 |
| | Arson/set fire-Unknown | 7 | 1 | . | 8 | 2.3 |
| | Vandalism, mischief, charges laid | . | 1 | . | 1 | 0.3 |
| | Vandalism, mischief, no charges laid | 5 | . | . | 5 | 1.5 |
| | Children under 12 set fire | 1 | . | . | 1 | 0.3 |
| | Arson/set fire-Unclassified | . | . | 1 | 1 | 0.3 |
| | Sub Total | 48 | 17 | 7 | 72 | 21.1 |
| Misuse of Source of Ignition | Misuse of source of ignit.-Unknown | 2 | . | . | 2 | 0.6 |
| | Smoker's material | 13 | 6 | 4 | 23 | 6.7 |
| | Thawing | . | 1 | 1 | 2 | 0.6 |
| | Inadequate control of 'open' fire | 4 | 4 | . | 8 | 2.3 |
| | Child playing with | 22 | 3 | 1 | 26 | 7.6 |
| | Welding or cutting too close to | 2 | 1 | 1 | 4 | 1.2 |
| | Misuse of source of ignit.-Unclassified | 2 | . | . | 2 | 0.6 |

(continued)

➤ Injuries by Act or Omission – 2000 (cont'd)

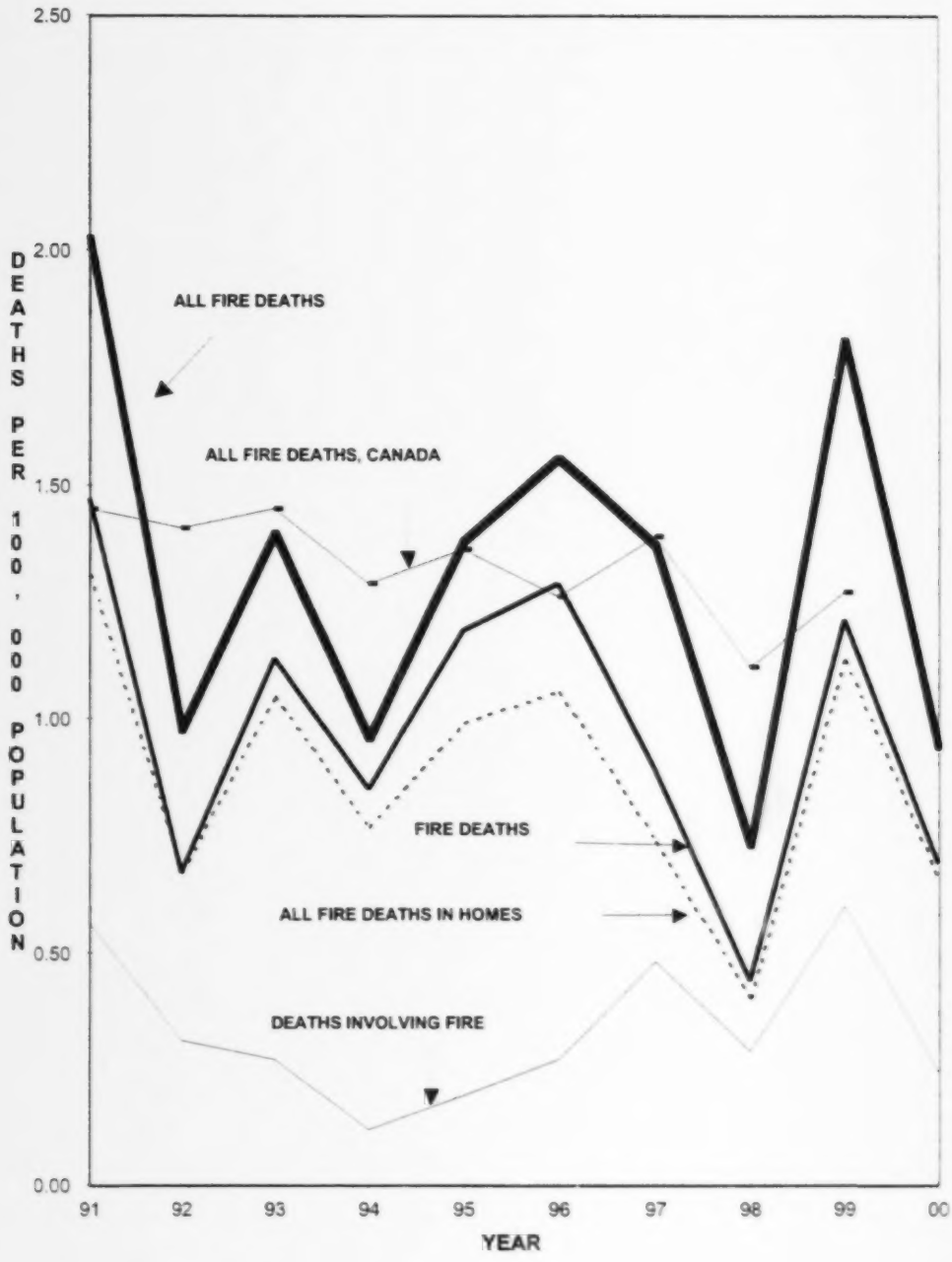
| Act or Omission | | Injury, Minor | Injury, Light | Injury, Serious | Total | % Of Total |
|---|---|---|---|---|---|---|
| | Sub Total | 45 | 15 | 7 | 67 | 19.6 |
| Misuse of Material Ignited | Misuse of Mat. Ignited-Unknown | 1 | . | . | 1 | 0.3 |
| | Fuel spilled accidentally | 3 | 4 | . | 7 | 2.1 |
| | Improper fuelling technique | 3 | 3 | . | 6 | 1.8 |
| | Flammable liquid to kindle fire | . | . | 1 | 1 | 0.3 |
| | Cleaning, washing parts | 3 | . | . | 3 | 0.9 |
| | Overheated cooking oil, grease, wax | 12 | 11 | 1 | 24 | 7.0 |
| | Combustible placed too close to heat | 17 | 3 | . | 20 | 5.9 |
| | Improper storage | 3 | . | . | 3 | 0.9 |
| | Misuse of Mat. Ignited-Unclassified | . | 1 | 3 | 4 | 1.2 |
| | Sub Total | 42 | 22 | 5 | 69 | 20.2 |
| Mech., Electr. Failure, Malfunction | Mech., Elect. Failure-Unknown | 4 | 1 | . | 5 | 1.5 |
| | Part failure, leak, break | 6 | 3 | 6 | 15 | 4.4 |
| | Automatic control failure | . | 3 | . | 3 | 0.9 |
| | Electrical short circuit | 11 | 2 | 1 | 14 | 4.1 |
| | Part worn out | 2 | 1 | . | 3 | 0.9 |
| | Mech., Elect. Failure-Unclassified | 2 | 4 | . | 6 | 1.8 |
| | Sub Total | 25 | 14 | 7 | 46 | 13.5 |

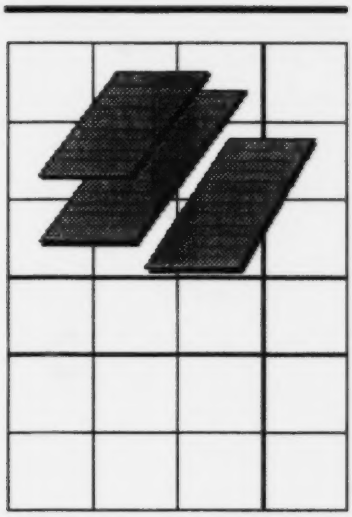
(continued)

➤ Injuries by Act or Omission – 2000 (cont'd)

| Act or Omission | | Injury, Minor | Injury, Light | Injury, Serious | Total | % Of Total |
|---|---|---|---|---|---|---|
| Constructn., Design, Installn. Def. | Installed too close to combustible | 4 | 1 | . | 5 | 1.5 |
| | Other installation deficiency | 1 | . | . | 1 | 0.3 |
| | Constrn./design/installn. def.-Unclass. | 2 | . | . | 2 | 0.6 |
| | Sub Total | 7 | 1 | . | 8 | 2.3 |
| Misuse of Equipment | Overfuelling | . | 1 | . | 1 | 0.3 |
| | Sub Total | . | 1 | . | 1 | 0.3 |
| Human Failing | Asleep | 6 | . | 1 | 7 | 2.1 |
| | Temporary loss of judgment | . | 1 | 1 | 2 | 0.6 |
| | Physical or mental disability | 1 | 1 | . | 2 | 0.6 |
| | Accident | 12 | 4 | 2 | 18 | 5.3 |
| | Impaired (suspect alcohol/drugs/medicn.) | 2 | 1 | . | 3 | 0.9 |
| | Asleep (suspect alcohol/drugs/medicn.) | 5 | 1 | . | 6 | 1.8 |
| | Ignorance of hazard | 17 | 8 | 5 | 30 | 8.8 |
| | Distracted, preoccupied | 2 | . | . | 2 | 0.6 |
| | Human failing-Unclassified | 2 | 1 | . | 3 | 0.9 |
| | Sub Total | 47 | 17 | 9 | 73 | 21.4 |
| Miscellaneous | Miscellaneous-Unclassified | 5 | . | . | 5 | 1.5 |
| | Sub Total | 5 | . | . | 5 | 1.5 |
| Total | | 219 | 87 | 35 | 341 | 100.0 |

➤ Trends in Alberta Fire Injuries 1991 – 2000





# Alberta Fire Loss Information

➤ Fire Losses in Alberta 1991 – 2000

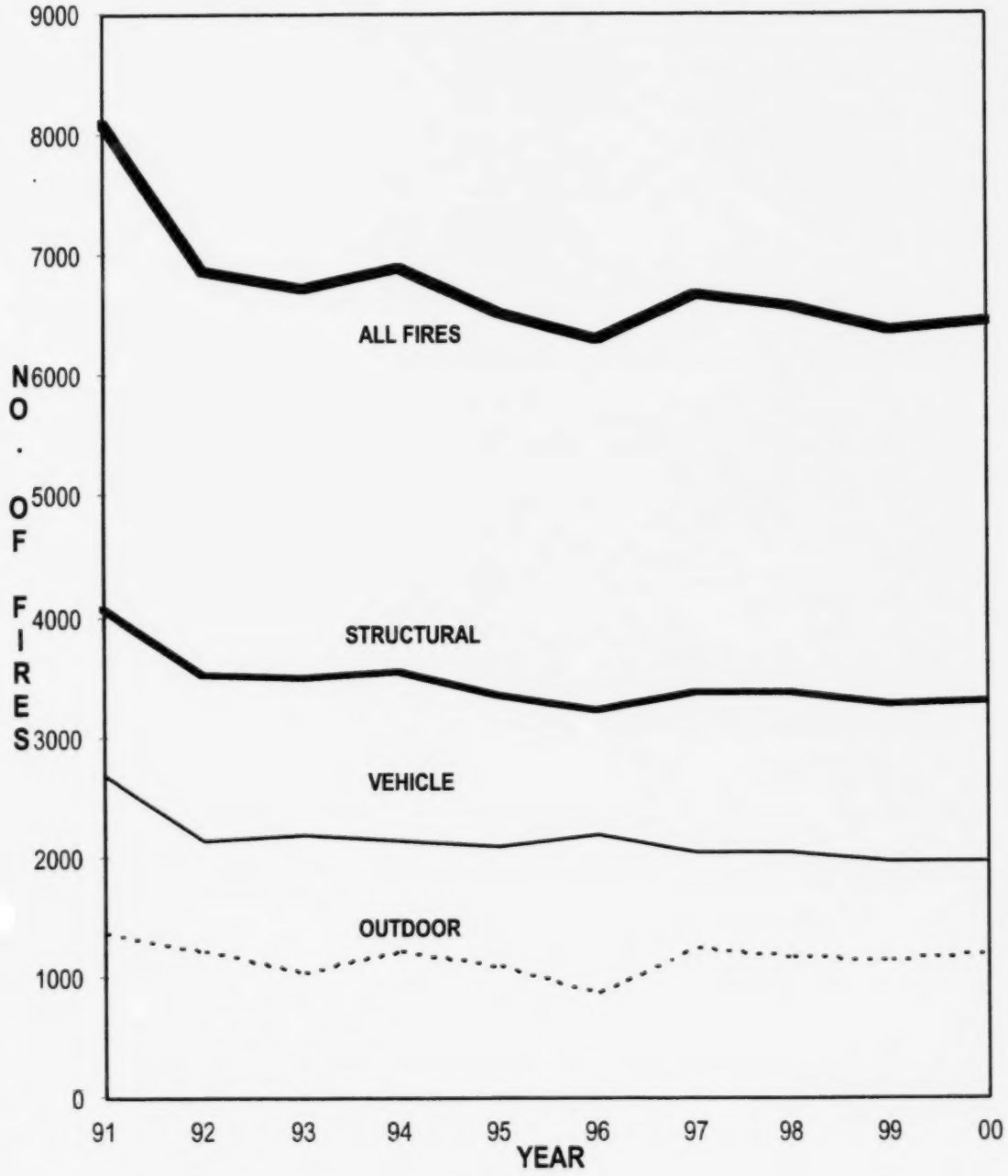
| Year | Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|
| 1991 | 8,097 | 51 | 345 | 117,680,891 |
| 1992 | 6,882 | 25 | 448 | 103,587,506 |
| 1993 | 6,735 | 36 | 491 | 103,320,081 |
| 1994 | 6,897 | 25 | 490 | 110,138,438 |
| 1995 | 6,528 | 36 | 425 | 111,140,466 |
| 1996 | 6,304 | 41 | 451 | 120,556,379 |
| 1997 | 6,671 | 37 | 448 | 141,964,034 |
| 1998 | 6,579 | 20 | 429 | 139,516,846 |
| 1999 | 6,379 | 51 | 385 | 146,391,701 |
| 2000 | 6,455 | 27 | 341 | 158,918,711 |
| Total | 67,527 | 349 | 4,253 | 1,253,215,253 |
| Average | 6,753 | 35 | 425 | 125,321,525 |

➤ Fire Losses in Canada 1991 – 2000

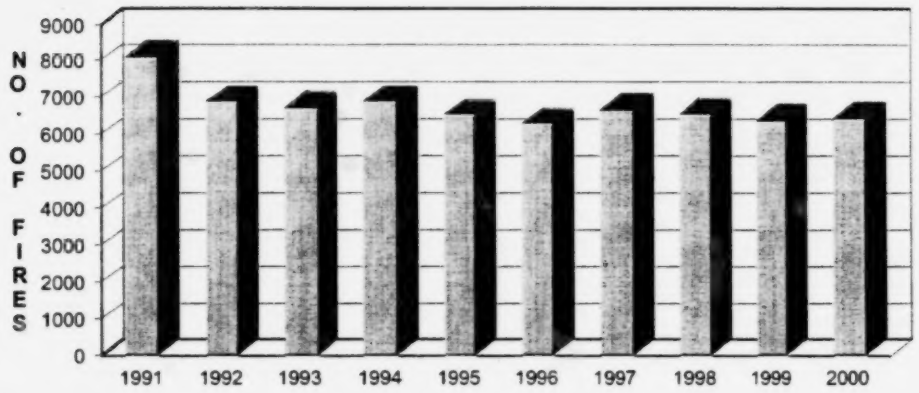
| Year | Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|
| 1991 | 68,150 | 406 | 3,476 | 1,239,716,205 |
| 1992 | 65,999 | 401 | 3,874 | 1,241,390,000 |
| 1993 | 65,877 | 417 | 3,463 | 1,181,892,872 |
| 1994 | 65,716 | 376 | 3,681 | 1,166,889,153 |
| 1995 | 64,251 | 400 | 3,551 | 1,110,839,184 |
| 1996 | 60,138 | 374 | 3,152 | 1,163,336,515 |
| 1997 | 56,292 | 416 | 3,149 | 1,291,640,983 |
| 1998 | 55,257 | 334 | 2,654 | 1,136,154,329 |
| 1999 | 55,494 | 388 | 2,287 | 1,238,236,723 |
| 2000* | . | . | . | . |
| Total | 557,174 | 3,512 | 29,287 | 10,770,095,964 |
| Average | 61,908 | 390 | 3,254 | 1,196,677,329 |

* Data Not Available

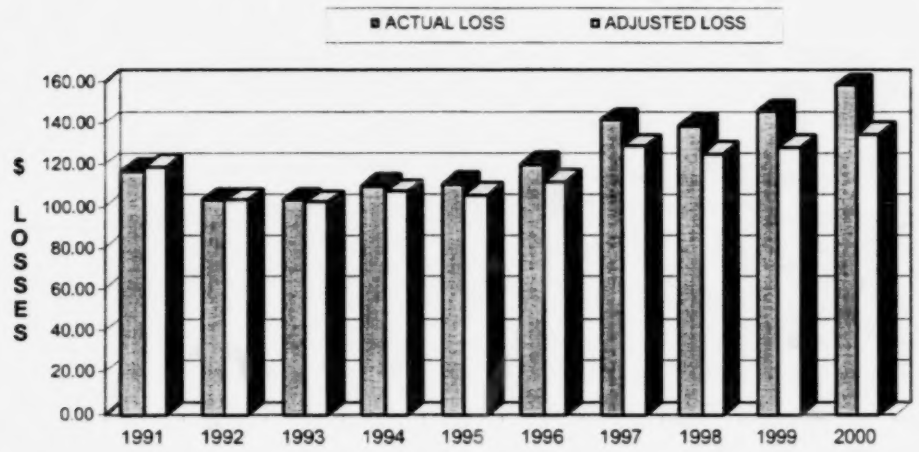
➤ Trends in Alberta Fires, 1991 – 2000



➤ Fires 1991 – 2000




➤ Actual and Adjusted Fire Losses in Alberta 1991 – 2000 (Millions)

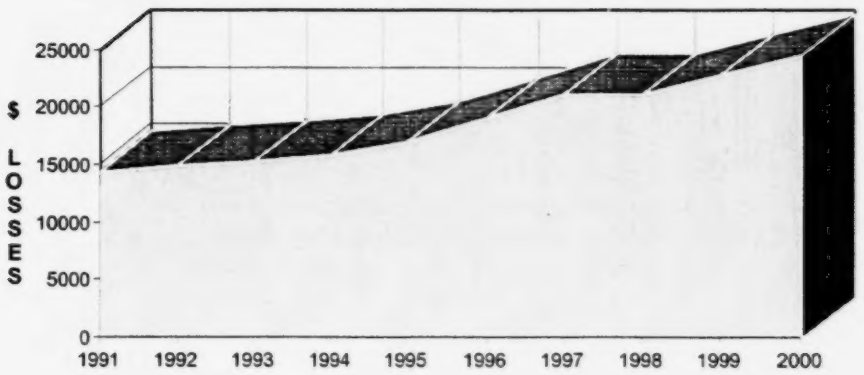


## ➤ Fire Rates and Per Capita Losses 1991 – 2000

| Year | Population | Number of Fires | Fire Rate | Loss Estimate | Loss Per Capita |
|---|---|---|---|---|---|
| 1991 | 2,510,001 | 8,097 | 3.2 | 117,680,891 | 46.9 |
| 1992 | 2,543,033 | 6,882 | 2.7 | 103,587,506 | 40.7 |
| 1993 | 2,574,890 | 6,735 | 2.6 | 103,320,081 | 40.1 |
| 1994 | 2,601,282 | 6,897 | 2.7 | 110,138,438 | 42.3 |
| 1995 | 2,615,873 | 6,528 | 2.5 | 111,140,466 | 42.5 |
| 1996 | 2,679,435 | 6,304 | 2.4 | 120,556,379 | 45.0 |
| 1997 | 2,744,731 | 6,671 | 2.4 | 141,964,034 | 51.7 |
| 1998 | 2,781,290 | 6,579 | 2.4 | 139,516,846 | 50.2 |
| 1999 | 2,871,271 | 6,379 | 2.2 | 146,391,701 | 51.0 |
| 2000 | 2,932,963 | 6,455 | 2.2 | 158,918,711 | 54.2 |

Fire Rate = Number of fires per 1000 population

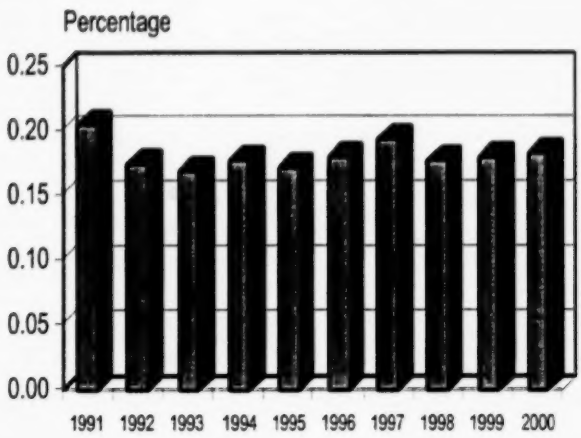
## ➤ Average Loss Per Fire 1991 – 2000



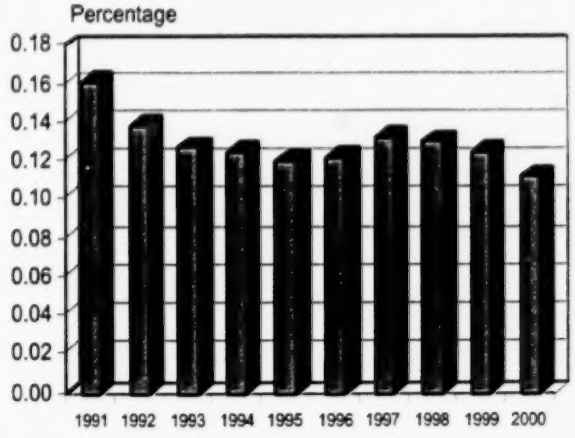
➤ Fire Losses Related to Economic Indices 1991 – 2000

| Year | Fire Losses ($) | Gross Domestic Product ($ million) | % of GDP | Personal Income ($ million) | % of Personal Income |
|---|---|---|---|---|---|
| 1991 | 117,680,891 | 73,027 | 0.16 | 57,523 | 0.20 |
| 1992 | 103,587,506 | 75,069 | 0.14 | 59,012 | 0.18 |
| 1993 | 103,320,081 | 81,370 | 0.13 | 61,095 | 0.17 |
| 1994 | 110,138,438 | 88,116 | 0.12 | 62,051 | 0.18 |
| 1995 | 111,140,466 | 92,120 | 0.12 | 64,507 | 0.17 |
| 1996 | 120,556,379 | 98,738 | 0.12 | 66,945 | 0.18 |
| 1997 | 141,964,034 | 107,170 | 0.13 | 72,951 | 0.19 |
| 1998 | 139,516,846 | 107,267 | 0.13 | 78,630 | 0.18 |
| 1999 | 146,391,701 | 116,801 | 0.13 | 80,909 | 0.18 |
| 2000 | 158,918,711 | 143,034 | 0.11 | 87,165 | 0.18 |

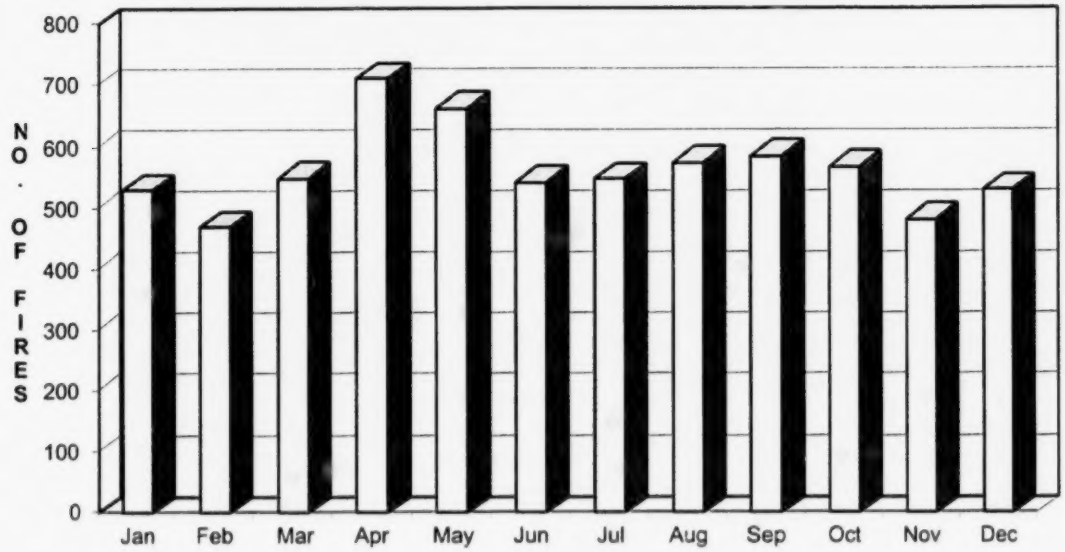
**Fire Losses vs Economic Indices**



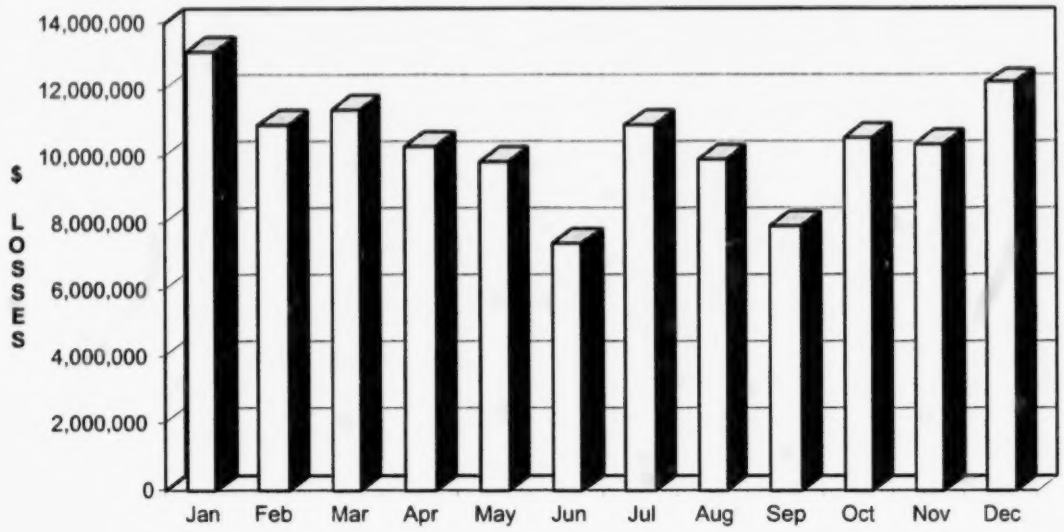

**Fire Losses vs Personal Income**



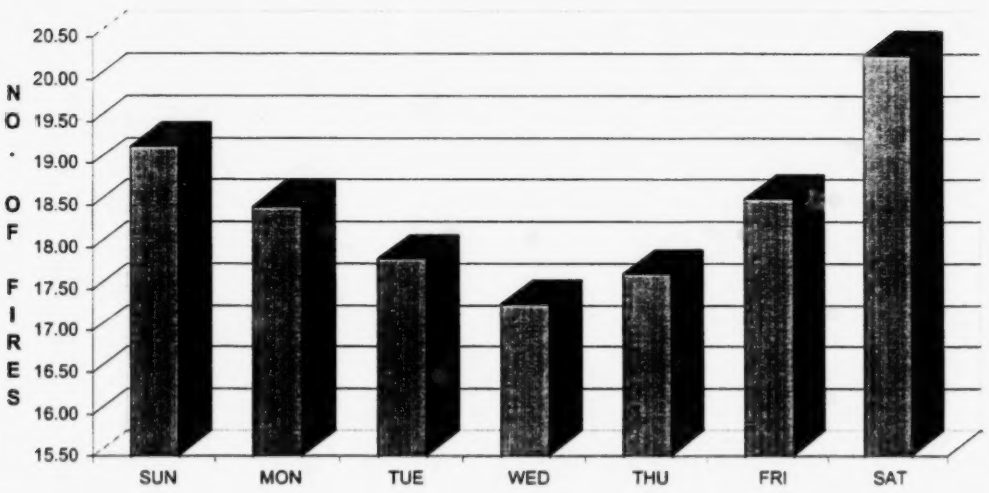
➤ Average Number of Fires by Month 1991 – 2000



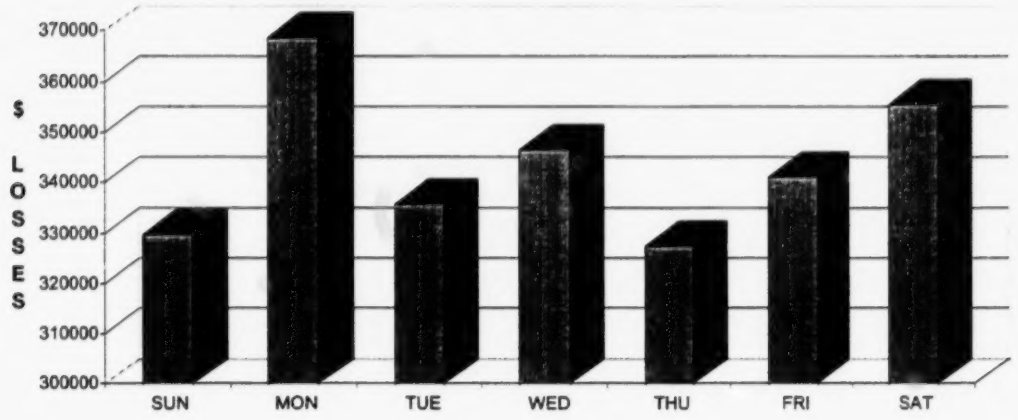

➤ Average Fire Loss by Month 1991 – 2000



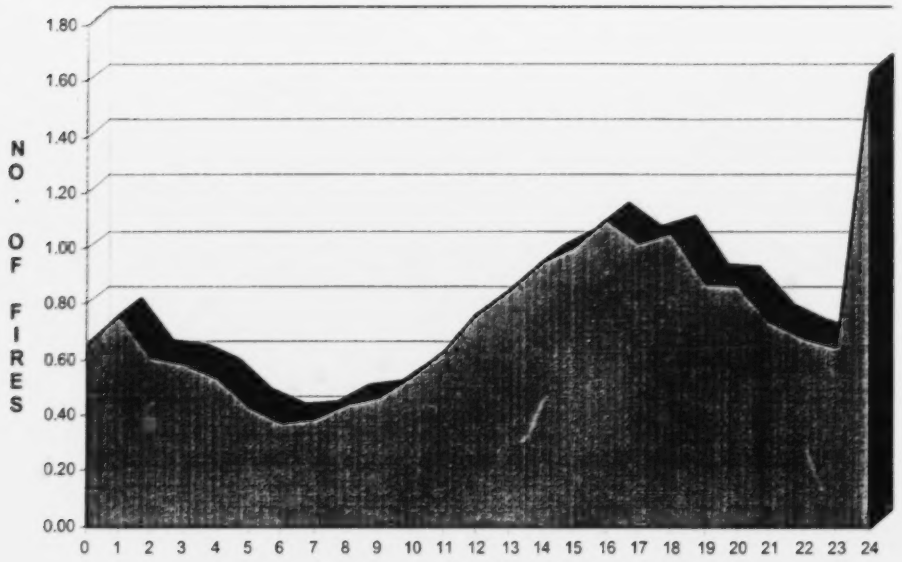
➤ Average Number of Fires by Day of Week 1991 – 2000



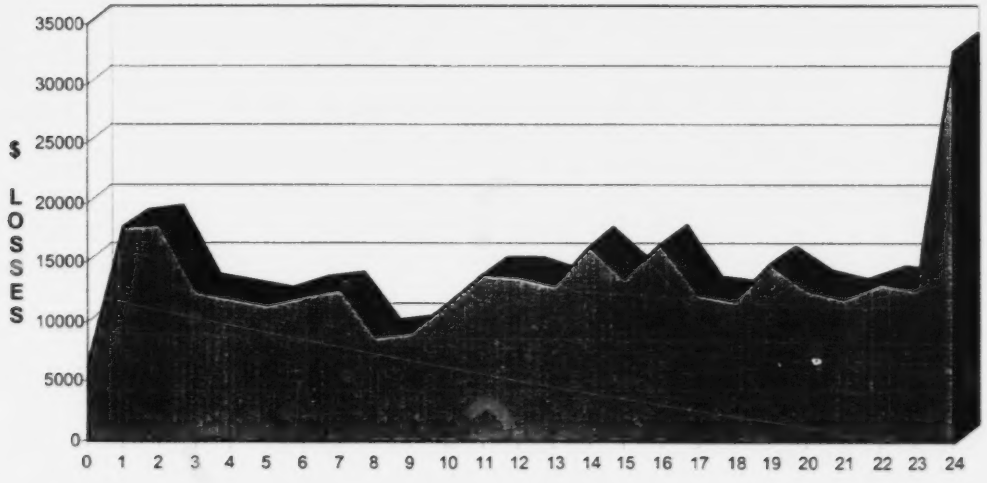

➤ Average Fire Loss by Day of Week 1991 – 2000



➤ Average Number of Fires by Hour of Day 1991 – 2000




➤ Average Fire Loss by Hour of Day 1991 – 2000



➤ Fires by Loss Category – 2000

| Loss Category | Fires | % Fires | $ Losses | % $ Losses |
|---|---|---|---|---|
| $1 - 99 | 820 | 12.7 | 10,190 | 0.0 |
| $100 - 999 | 1606 | 24.9 | 535,280 | 0.3 |
| $1,000 - 9,999 | 2358 | 36.5 | 7,950,903 | 5.0 |
| $10,000 - 49,999 | 1076 | 16.7 | 23,998,790 | 15.1 |
| $50,000 - 249,999 | 503 | 7.8 | 51,613,830 | 32.5 |
| $250,000 - 499,999 | 59 | 0.9 | 20,156,382 | 12.7 |
| $500,000 AND OVER | 33 | 0.5 | 54,653,336 | 34.4 |
| Total | 6455 | 100.0 | 158,918,711 | 100.0 |

➤ 2000 Large Loss Fires ($500,000 and over)

| Location | Property | Occupancy | Act or Omission | $ Losses |
|---|---|---|---|---|
| CANMORE | Business and Personal Service | Office building | Smoker's material | 661,018 |
| CITY OF CALGARY | Mercantile | Commercial/shopping centre | Mech., Elect. Failure-Unknown | 2,750,000 |
| CITY OF CALGARY | Residential | Residential: apartment/tenement | Smoker's material | 3,140,269 |
| CITY OF EDMONTON | Assembly | Church/funeral parlour | Combustible placed too close to heat | 1,200,000 |
| CITY OF EDMONTON | Mercantile | Major occupancy-Undetermined | Act or omission-Unknown | 3,372,500 |
| CITY OF EDMONTON | Industrial Manufacturing Properties | Industrial manufacturing | Arson/set fire-Unknown | 992,100 |
| CITY OF EDMONTON | Residential | Hotel/motel/lodge/hostel/dormitory | Arson/set fire-Unknown | 1,200,000 |
| CITY OF EDMONTON | Special Property-Transportation Equip. | Education institution (residential) | Act or omission-Unknown | 1,000,000 |

(continued)

➤ 2000 Large Loss Fires ($500,000 and over)

| Location | Property | Occupancy | Act or Omission | $ Losses |
|---|---|---|---|---|
| CITY OF EDMONTON | Business and Personal Service | Multiple use (no overriding use) | Act or omission-Unknown | 687,749 |
| CITY OF EDMONTON | Mercantile | Major occupancy-Unclass. | Suspected arson | 500,000 |
| CITY OF LETHBRIDGE | Mercantile | Department/variety store | Suspected arson | 1,343,200 |
| CITY OF RED DEER | Mercantile | Major occupancy-Unclass. | Part failure, leak, break | 1,138,523 |
| CITY OF RED DEER | Mercantile | Multiple use (no overriding use) | Electrical short circuit | 1,025,000 |
| CYPRESS COUNTY | Residential | Residential: single detached (inc. gar.) | Human failing-Unknown | 570,353 |
| JASPER | Residential | Hotel/motel/lodge/hostel/ dormitory | Installed too close to combustible | 1,400,000 |
| KITSCOTY | Assembly | Recreation/sports facility | Vandalism, mischief, no charges laid | 550,000 |
| KNEEHILL COUNTY | Miscellaneous Property | Utility (includes power poles) | Act or omission-Unknown | 600,000 |
| LACOMBE COUNTY | Industrial Manufacturing Properties | Industrial manufacturing | Mech., Elect. Failure-Unclassified | 1,088,427 |
| M.D. OF CLEARWATER #99 | Special Property-Transportation Equip. | Major Occupancy-not applicable | Part failure, leak, break | 900,000 |
| M.D. OF SPIRIT RIVER #133 | Residential | Residential: single detached (inc. gar.) | Electrical short circuit | 629,057 |
| M.D. OF WAINWRIGHT #61 | Miscellaneous Property | Major occupancy-Unclass. | Miscellaneous-Unclassified | 1,500,000 |

(continued)

## ➤ 2000 Large Loss Fires ($500,000 and over)

| Location | Property | Occupancy | Act or Omission | $ Losses |
|---|---|---|---|---|
| M.D. OF WILLOW CREEK #26 | Residential | Residential: single detached (inc. gar.) | Act or omission-Unknown | 703,000 |
| PARKLAND COUNTY | Miscellaneous Property | Industrial manufacturing | Part failure, leak, break | 5,000,000 |
| PARKLAND COUNTY | Storage Properties | Industrial manufacturing | Act or omission-Unknown | 12,000,000 |
| PARKLAND COUNTY | Residential | Residential: single detached (inc. gar.) | Arson/set fire-Unknown | 701,924 |
| RED DEER COUNTY | Storage Properties | Industrial storage/bulk storage tanks | Welding or cutting too close to | 2,135,875 |
| REGIONAL MUNICIPALITY OF | Special Property-Transportation Equip. | Major Occupancy-not applicable | Part failure, leak, break | 4,000,000 |
| REGIONAL MUNICIPALITY OF | Special Property-Transportation Equip. | Major Occupancy-not applicable | Mech., Elect. Failure-Unknown | 900,000 |
| STARLAND COUNTY | Assembly | Food/beverage establishment | Smoker's material | 500,000 |
| WETASKIWIN COUNTY #10 | Miscellaneous Property | Industrial manufacturing | Mech., Elect. Failure-Unclassified | 500,000 |
| WHITECOURT | Residential | Residential: apartment/tenement | Electrical short circuit | 660,341 |
| WOODLANDS COUNTY | Storage Properties | Property occupies its own structure | Act or omission-Unknown | 554,000 |
| YELLOWHEAD COUNTY | Miscellaneous Property | Industrial manufacturing | Part failure, leak, break | 750,000 |

(continued)

➤ 2000 Large Loss Fires ($500,000 and over)

| Location | Property Class | Act or Omission | $ Losses |
|---|---|---|---|
| CANMORE | Miscellaneous business-Unclass. | Smoker's material | 661,018 |
| CITY OF CALGARY | Vehicle repair/paint shop | Mech., Elect. Failure-Unknown | 2,750,000 |
| CITY OF CALGARY | Apartments | Smoker's material | 3,140,269 |
| CITY OF EDMONTON | Church/chapel | Combustible placed too close to heat | 1,200,000 |
| CITY OF EDMONTON | Miscellaneous mercantile-Unclass. | Act or omission-Unknown | 3,372,500 |
| CITY OF EDMONTON | Industrial mfg.-Unclass. | Arson/set fire-Unknown | 992,100 |
| CITY OF EDMONTON | Hotel/inn/lodge (year round use) | Arson/set fire-Unknown | 1,200,000 |
| CITY OF EDMONTON | Building under construction | Act or omission-Unknown | 1,000,000 |
| CITY OF EDMONTON | General business office | Act or omission-Unknown | 687,749 |
| CITY OF EDMONTON | Vehicle repair/paint shop | Suspected arson | 500,000 |
| CITY OF LETHBRIDGE | Clothing store/new or used clothes | Suspected arson | 1,343,200 |
| CITY OF RED DEER | Vehicle repair/paint shop | Part failure, leak, break | 1,138,523 |
| CITY OF RED DEER | Miscellaneous mercantile-Unclass. | Electrical short circuit | 1,025,000 |
| CYPRESS COUNTY | One and two family dwellings | Human failing-Unknown | 570,353 |

(continued)

## ➤ 2000 Large Loss Fires ($500,000 and over)

| Location | Property Class | Act or Omission | $ Losses |
|---|---|---|---|
| JASPER | Rooming/board./lodg. house (4-8 people) | Installed too close to combustible | 1,400,000 |
| KITSCOTY | Ice rink/curling rink | Vandalism, mischief, no charges laid | 550,000 |
| KNEEHILL COUNTY | Gas mfg. plant | Act or omission-Unknown | 600,000 |
| LACOMBE COUNTY | Machinery mfg. | Mech., Elect. Failure-Unclassified | 1,088,427 |
| M.D. OF CLEARWATER #99 | Drilling rig (petro/gas) | Part failure, leak, break | 900,000 |
| M.D. OF SPIRIT RIVER #133 | One and two family dwellings | Electrical short circuit | 629,057 |
| M.D. OF WAINWRIGHT #61 | Sanitary serv.(inc. sewer/comm. incin.) | Miscellaneous-Unclassified | 1,500,000 |
| M.D. OF WILLOW CREEK #26 | Mobile homes | Act or omission-Unknown | 703,000 |
| PARKLAND COUNTY | Gas distribution system/pipeline | Part failure, leak, break | 5,000,000 |
| PARKLAND COUNTY | Agriculture supply storage | Act or omission-Unknown | 12,000,000 |
| PARKLAND COUNTY | One and two family dwellings | Arson/set fire-Unknown | 701,924 |
| RED DEER COUNTY | Aircraft storage hangars | Welding or cutting too close to | 2,135,875 |
| REGIONAL MUNICIPALITY OF | Industrial truck/forklift | Part failure, leak, break | 4,000,000 |
| REGIONAL MUNICIPALITY OF | Industrial truck/forklift | Mech., Elect. Failure-Unknown | 900,000 |
| STARLAND COUNTY | Tavern | Smoker's material | 500,000 |

(continued)

➤ 2000 Large Loss Fires ($500,000 and over)

| Location | Property Class | Act or Omission | $ Losses |
|---|---|---|---|
| WETASKIWIN COUNTY #10 | Gas distribution system/pipeline | Mech., Elect. Failure-Unclassified | 500,000 |
| WHITECOURT | Apartments | Electrical short circuit | 660,341 |
| WOODLANDS COUNTY | Heavy machine/equipment parking | Act or omission-Unknown | 554,000 |
| YELLOWHEAD COUNTY | Petroleum/nat. gas well | Part failure, leak, break | 750,000 |

## ➤ Fire Losses by Major Property Classifications – 2000

| Property Classification | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| Assembly | Theatre, Studio, Auditorium | 1 | 0.0 | 2,001 | 0.0 |
| | Amusement, Recreation Place | 29 | 0.4 | 1,059,341 | 0.7 |
| | School, College, University | 56 | 0.9 | 1,172,260 | 0.7 |
| | Church, Funeral Parlour | 9 | 0.1 | 1,955,580 | 1.2 |
| | Clubs, Social, Sport | 7 | 0.1 | 47,650 | 0.0 |
| | Museum, Art Gallery, Library | 2 | 0.0 | 1,500 | 0.0 |
| | Food or Beverage Establishment | 81 | 1.3 | 1,785,389 | 1.1 |
| | Passenger Terminal, Station | 2 | 0.0 | 2,400 | 0.0 |
| | Sub Total | 187 | 2.9 | 6,026,121 | 3.8 |
| Institutional | Prison, Jail, Reformatory | 7 | 0.1 | 51,701 | 0.0 |
| | Home for the Aged | 16 | 0.2 | 160,754 | 0.1 |
| | Child Care | 2 | 0.0 | 20,328 | 0.0 |
| | Hospital, Sanatorium, Clinic | 15 | 0.2 | 74,671 | 0.0 |
| | Sub Total | 40 | 0.6 | 307,454 | 0.2 |
| Residential | One and Two Family Dwellings | 1148 | 17.8 | 44,394,658 | 27.9 |
| | Apartment, Tenement | 367 | 5.7 | 10,815,765 | 6.8 |
| | Rooming, Boarding House | 6 | 0.1 | 1,442,192 | 0.9 |
| | Hotel | 29 | 0.4 | 1,786,011 | 1.1 |
| | Motor Hotel | 7 | 0.1 | 120,056 | 0.1 |
| | Dormitory | 12 | 0.2 | 359,841 | 0.2 |
| | Mobile Home, Trailer | 235 | 3.6 | 5,487,728 | 3.5 |

(continued)

## ➤ Fire Losses by Major Property Classifications – 2000 (cont'd)

| Property Classification | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| | Miscellaneous | 3 | 0.0 | 188,171 | 0.1 |
| | Sub Total | 1807 | 28.0 | 64,594,422 | 40.6 |
| Business and Personal Service | Miscellaneous | 3 | 0.0 | 978,925 | 0.6 |
| | Office | 27 | 0.4 | 1,287,810 | 0.8 |
| | Personal Service | 5 | 0.1 | 102,980 | 0.1 |
| | Electronic Equipment | 2 | 0.0 | 29,512 | 0.0 |
| | Sub Total | 37 | 0.6 | 2,399,227 | 1.5 |
| Mercantile | Miscellaneous | 14 | 0.2 | 4,516,231 | 2.8 |
| | Food, Beverage Sale | 23 | 0.4 | 267,178 | 0.2 |
| | Textile, Wearing Apparel Sale | 3 | 0.0 | 1,409,051 | 0.9 |
| | Furniture, Appliance, Hardware Sales | 6 | 0.1 | 485,399 | 0.3 |
| | Books, Newspapers, Drugs, Specialties | 10 | 0.2 | 729,378 | 0.5 |
| | Recreation, Hobby Supplies | 4 | 0.1 | 228,500 | 0.1 |
| | Repair Shop, Laundry, Dry Cleaner | 13 | 0.2 | 502,289 | 0.3 |
| | Motor Vehicles, Boats, Sales & Service | 35 | 0.5 | 7,160,545 | 4.5 |
| | Department, Variety Store | 16 | 0.2 | 306,545 | 0.2 |
| | Sub Total | 124 | 1.9 | 15,605,116 | 9.8 |
| Industrial Manufacturing Properties | Miscellaneous | 16 | 0.2 | 1,258,758 | 0.8 |

(continued)

## ➤ Fire Losses by Major Property Classifications – 2000 (cont'd)

| Property Classification | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| | Chemicals, Petroleum, Paints, Plastics | 19 | 0.3 | 1,316,424 | 0.8 |
| | Wood, Furniture, Paper, Printing | 33 | 0.5 | 429,394 | 0.3 |
| | Metal/(Products), Elect. Equip. & Appl. | 26 | 0.4 | 2,153,690 | 1.4 |
| | Food Processing | 14 | 0.2 | 332,077 | 0.2 |
| | Textiles | 1 | 0.0 | 25,000 | 0.0 |
| | Wearing Apparel, Footwear | 4 | 0.1 | 41,050 | 0.0 |
| | Sub Total | 113 | 1.8 | 5,556,393 | 3.5 |
| Storage Properties | Miscellaneous | 34 | 0.5 | 1,094,210 | 0.7 |
| | Agricultural Products | 13 | 0.2 | 12,363,674 | 7.8 |
| | Textiles, Fibres, Clothing | 1 | 0.0 | 350 | 0.0 |
| | Flammable Liq., Gases, Petro. Products | 14 | 0.2 | 266,107 | 0.2 |
| | Wood, Furniture, Paper and Products | 32 | 0.5 | 36,001 | 0.0 |
| | Metal Products, Machinery, Elect. Appl. | 7 | 0.1 | 276,601 | 0.2 |
| | Vehicle | 216 | 3.3 | 6,511,947 | 4.1 |
| | Sub Total | 317 | 4.9 | 20,548,890 | 12.9 |
| Special Property-Transportation Equip. | Outdoor Property | 1119 | 17.3 | 320,538 | 0.2 |
| | Special Connecting Thoroughfares | 4 | 0.1 | 303,500 | 0.2 |
| | Under Construction/Demolition: Vacant | 112 | 1.7 | 3,103,602 | 2.0 |

(continued)

## ➤ Fire Losses by Major Property Classifications – 2000 (cont'd)

| Property Classification | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| | Watercraft | 15 | 0.2 | 97,996 | 0.1 |
| | Rail Transport Vehicle and Equipment | 4 | 0.1 | 27,001 | 0.0 |
| | Ground Transport Vehicle | 1685 | 26.1 | 10,381,196 | 6.5 |
| | Aircraft | 1 | 0.0 | 300,000 | 0.2 |
| | Special Vehicles | 256 | 4.0 | 14,361,092 | 9.0 |
| | Sub Total | 3196 | 49.5 | 28,894,925 | 18.2 |
| Miscellaneous Property | Miscellaneous | 18 | 0.3 | 58,603 | 0.0 |
| | Laboratories | 2 | 0.0 | 4,000 | 0.0 |
| | Farm Facilities | 335 | 5.2 | 4,739,846 | 3.0 |
| | Miscellaneous Outbuildings | 165 | 2.6 | 716,257 | 0.5 |
| | Utility | 104 | 1.6 | 8,552,848 | 5.4 |
| | Mining, Quarrying | 3 | 0.0 | 800,001 | 0.5 |
| | Communications | 7 | 0.1 | 114,608 | 0.1 |
| | Sub Total | 634 | 9.8 | 14,986,163 | 9.4 |
| Total | | 6455 | 100.0 | 158,918,711 | 100.0 |

## ➤ Property Losses Related to Area of Origin – 2000

| Property Classification | Means of Egress | | Assembly Area | | Function Area | | Storage Area | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 16 | 824,382 | 15 | 1,055,974 | 78 | 1,119,329 | 9 | 105,506 |
| Institutional | 2 | 24,743 | 2 | 3,500 | 30 | 126,510 | 1 | 2,000 |
| Residential | 62 | 1,619,910 | 199 | 12,043,577 | 838 | 21,009,113 | 72 | 5,200,215 |
| Business and Personal Service | 5 | 13,814 | 3 | 46,700 | 11 | 778,543 | 4 | 970,518 |
| Mercantile | 5 | 23,150 | 9 | 1,605,465 | 18 | 1,310,642 | 16 | 4,612,754 |
| Industrial Manufacturing Properties | 1 | 5,000 | . | . | 25 | 1,237,152 | 8 | 189,921 |
| Storage Properties | . | . | . | . | 5 | 2,158,225 | 100 | 14,895,151 |
| Special Property-Transportation Equip. | 9 | 408,201 | 9 | 216,203 | 11 | 384,927 | 7 | 1,094,651 |
| Miscellaneous Property | . | . | . | . | 9 | 636,943 | 93 | 1,856,998 |
| Total | 100 | 2,919,200 | 237 | 14,971,419 | 1025 | 28,761,384 | 310 | 28,927,714 |

| Property Classification | Service Facilities | | Service & Equipment Area | | Structural Area | | Vehicle Area | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 5 | 12,230 | 7 | 65,899 | 37 | 2,472,847 | . | . |
| Institutional | . | . | 3 | 701 | . | . | . | . |
| Residential | 50 | 1,463,465 | 85 | 3,495,106 | 323 | 13,210,896 | 22 | 379,417 |
| Business and Personal Service | . | . | 5 | 13,700 | 7 | 157,262 | . | . |
| Mercantile | . | . | 25 | 2,252,708 | 35 | 4,364,244 | 4 | 1,317,223 |
| Industrial Manufacturing Properties | 10 | 237,901 | 36 | 3,175,091 | 14 | 223,072 | 1 | 30,000 |
| Storage Properties | 2 | 31,000 | 10 | 568,500 | 108 | 1,377,649 | 28 | 1,022,960 |
| Special Property-Transportation Equip. | 1 | 25,000 | 7 | 401,841 | 35 | 237,720 | 1961 | 25,167,285 |
| Miscellaneous Property | 2 | 506,163 | 31 | 8,177,256 | 217 | 2,138,126 | 18 | 89,933 |
| Total | 70 | 2,275,759 | 209 | 18,150,802 | 776 | 24,181,816 | 2034 | 28,006,818 |

## ➤ Property Losses Related to Area of Origin – 2000 (cont'd)

| Property Classification | Outside Area | | Unknown | |
|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 18 | 360,954 | 2 | 9,000 |
| Institutional | 1 | 100,000 | 1 | 50,000 |
| Residential | 77 | 1,469,024 | 79 | 4,703,699 |
| Business and Personal Service | 1 | 490 | 1 | 418,200 |
| Mercantile | 10 | 76,610 | 2 | 42,320 |
| Industrial Manufacturing Properties | 14 | 295,258 | 4 | 162,998 |
| Storage Properties | 51 | 312,677 | 13 | 182,728 |
| Special Property-Transportation Equip. | 1138 | 655,490 | 18 | 303,607 |
| Miscellaneous Property | 217 | 1,083,402 | 47 | 497,342 |
| Total | 1527 | 4,353,905 | 167 | 6,369,894 |

## ➤ Property Losses Related to Act or Omission – 2000

| Property Classification | Incendiary | | Misuse of Source of Ignition | | Misuse of Material Ignited | | Mech./Electrical Failure/Malfunction | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 71 | 2,499,320 | 10 | 718,075 | 32 | 1,504,216 | 43 | 605,293 |
| Institutional | 9 | 4,928 | 3 | 100,501 | 4 | 32,251 | 11 | 131,378 |
| Residential | 166 | 7,132,627 | 318 | 12,655,798 | 304 | 5,992,071 | 301 | 12,214,392 |
| Business and Personal Service | 5 | 26,551 | 10 | 694,821 | . | . | 11 | 429,469 |
| Mercantile | 27 | 2,377,938 | 21 | 1,228,844 | 10 | 636,995 | 39 | 6,994,377 |
| Industrial Manufacturing Properties | 6 | 1,031,680 | 17 | 484,257 | 12 | 228,801 | 34 | 1,776,782 |
| Storage Properties | 91 | 995,545 | 37 | 2,929,593 | 27 | 690,964 | 66 | 1,426,204 |
| Special Property-Transportation Equip. | 777 | 2,685,223 | 369 | 695,140 | 57 | 646,676 | 1206 | 16,086,804 |
| Miscellaneous Property | 109 | 424,676 | 113 | 1,662,060 | 23 | 349,672 | 130 | 7,749,955 |
| Total | 1261 | 17,178,488 | 898 | 21,169,089 | 469 | 10,081,646 | 1841 | 47,414,654 |

## ➤ Property Losses Related to Act or Omission – 2000 (cont'd)

| Property Classification | Construction/Design/Installn. Deficiency | | Misuse of Equipment | | Human Failing | | Vehicle Accident | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 3 | 19,600 | 2 | 3,500 | 18 | 559,177 | . | . |
| Institutional | 1 | 23,743 | . | . | 12 | 14,653 | . | . |
| Residential | 85 | 4,981,357 | 12 | 286,460 | 407 | 9,095,493 | . | . |
| Business and Personal Service | 3 | 58,575 | . | . | 4 | 46,955 | . | . |
| Mercantile | 2 | 1,300 | . | . | 13 | 585,131 | . | . |
| Industrial Manufacturing Properties | 9 | 54,263 | 1 | 2,000 | 16 | 925,658 | . | . |
| Storage Properties | 8 | 99,658 | . | . | 22 | 726,682 | . | . |
| Special Property-Transportation Equip. | 15 | 81,983 | 7 | 23,050 | 185 | 1,064,237 | 53 | 978,219 |
| Miscellaneous Property | 11 | 103,459 | 1 | 1 | 68 | 416,911 | 1 | 2,500 |
| Total | 137 | 5,423,938 | 23 | 315,011 | 745 | 13,434,897 | 54 | 980,719 |

| Property Classification | Unknown | | Miscellaneous | |
|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 8 | 116,940 | . | . |
| Residential | 172 | 11,310,382 | 39 | 912,556 |
| Business and Personal Service | 4 | 1,142,856 | . | . |
| Mercantile | 8 | 3,772,320 | 4 | 8,211 |
| Industrial Manufacturing Properties | 13 | 933,647 | 5 | 119,305 |
| Storage Properties | 54 | 13,414,743 | 12 | 265,501 |
| Special Property-Transportation Equip. | 467 | 6,309,824 | 60 | 323,769 |
| Miscellaneous Property | 123 | 2,379,676 | 55 | 1,897,253 |
| Total | 849 | 39,380,388 | 175 | 3,526,595 |

## ➤ Property Losses Related to Source of Ignition – 2000

| Property Classification | Cooking Equipment | | Heating Equipment | | Appliances & Equipment | | Electrical Distribution Equipment | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 42 | 299,365 | 10 | 77,001 | 11 | 24,852 | 13 | 296,591 |
| Institutional | 9 | 39,802 | 2 | 50,500 | 6 | 32,851 | 3 | 4,250 |
| Residential | 424 | 7,318,151 | 226 | 9,976,808 | 125 | 2,295,632 | 117 | 6,198,838 |
| Business and Personal Service | 3 | 28,432 | 5 | 318,012 | 1 | 3,500 | 2 | 54,575 |
| Mercantile | 5 | 134,051 | 6 | 447,734 | 6 | 198,900 | 28 | 2,883,534 |
| Industrial Manufacturing Properties | 8 | 193,385 | 10 | 1,370,902 | 3 | 10,700 | 8 | 199,274 |
| Storage Properties | 7 | 133,795 | 16 | 328,719 | 7 | 122,063 | 34 | 632,530 |
| Special Property-Transportation Equip. | 39 | 27,265 | 23 | 571,808 | 8 | 134,100 | 665 | 4,694,021 |
| Miscellaneous Property | 7 | 35,100 | 21 | 330,857 | 8 | 1,578,073 | 69 | 490,289 |
| Total | 544 | 8,209,346 | 319 | 13,472,341 | 175 | 4,400,671 | 939 | 15,453,902 |

| Property Classification | Other Electrical Equipment | | Smoker's Material & 'Open' Flames | | Exposure | | Miscellaneous | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 18 | 1,452,822 | 65 | 2,545,905 | 4 | 48,700 | 2 | 105,200 |
| Institutional | 2 | 14,528 | 14 | 104,580 | . | . | 2 | 23,943 |
| Residential | 51 | 2,129,797 | 516 | 18,860,920 | 122 | 2,352,526 | 24 | 628,834 |
| Business and Personal Service | 1 | 1,000 | 15 | 744,872 | 3 | 88,887 | 2 | 7,000 |
| Mercantile | 10 | 2,766,950 | 27 | 1,537,253 | 12 | 420,799 | 9 | 41,531 |
| Industrial Manufacturing Properties | 8 | 104,027 | 20 | 1,510,336 | 8 | 177,172 | 30 | 846,667 |
| Storage Properties | 8 | 543,663 | 63 | 684,349 | 100 | 1,057,902 | 23 | 3,161,603 |
| Special Property-Transportation Equip. | 21 | 158,912 | 807 | 2,108,315 | 450 | 1,638,183 | 392 | 9,131,192 |
| Miscellaneous Property | 21 | 200,212 | 90 | 1,287,634 | 228 | 1,757,385 | 54 | 1,959,335 |
| Total | 140 | 7,371,911 | 1617 | 29,384,164 | 927 | 7,541,554 | 538 | 15,905,305 |

➤ Property Losses Related to Source of Ignition – 2000 (cont'd)

| Property Classification | No Igniting Object | | Unknown | |
|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | . | . | 22 | 1,175,685 |
| Institutional | 1 | 36,000 | 1 | 1,000 |
| Residential | 8 | 352,207 | 194 | 14,480,709 |
| Business and Personal Service | . | . | 5 | 1,152,949 |
| Mercantile | . | . | 21 | 7,174,364 |
| Industrial Manufacturing Properties | 1 | 1,000 | 17 | 1,142,930 |
| Storage Properties | 3 | 104,000 | 56 | 13,780,266 |
| Special Property-Transportation Equip. | 1 | 100 | 790 | 10,431,029 |
| Miscellaneous Property | 21 | 91,790 | 115 | 7,255,488 |
| Total | 35 | 585,097 | 1221 | 56,594,420 |

## ➤ Property Losses Related to Fuel or Energy – 2000

| Property Classification | Coal or Wood, etc. | | Fuel Oil | | Gasoline | | Natural Gas or Other Fuel Gas | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 1 | 4,000 | . | . | 4 | 458,500 | 38 | 219,545 |
| Business and Personal Service | . | . | . | . | . | . | 5 | 319,000 |
| Industrial Manufacturing Properties | 3 | 5,500 | 2 | 14,000 | . | . | 15 | 793,511 |
| Institutional | 1 | 1 | 1 | 23,743 | . | . | 4 | 45,850 |
| Mercantile | 1 | 7,000 | 1 | 200 | 1 | 400,000 | 15 | 949,929 |
| Miscellaneous Property | 17 | 381,338 | 5 | 29,109 | 15 | 116,152 | 18 | 1,796,607 |
| Residential | 139 | 4,955,979 | 9 | 204,765 | 8 | 79,693 | 149 | 4,688,053 |
| Special Property-Transportation Equip. | 14 | 128,063 | 18 | 6,101,937 | 272 | 1,212,029 | 83 | 712,674 |
| Storage Properties | 15 | 264,653 | . | . | 8 | 176,884 | 14 | 425,824 |
| Total | 191 | 5,746,534 | 36 | 6,373,754 | 308 | 2,443,258 | 343 | 9,950,993 |

| Property Classification | Electricity | | Exposure Fire | | Lightning | | Smokers Material | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 58 | 1,985,386 | 4 | 48,700 | . | . | 54 | 1,584,000 |
| Business and Personal Service | 11 | 99,519 | 3 | 88,887 | . | . | 9 | 678,872 |
| Industrial Manufacturing Properties | 38 | 762,348 | 8 | 177,172 | . | . | 6 | 1,032,390 |
| Institutional | 17 | 46,280 | . | . | 1 | 36,000 | 14 | 104,580 |
| Mercantile | 50 | 6,371,412 | 12 | 420,799 | . | . | 15 | 71,750 |
| Miscellaneous Property | 105 | 839,123 | 228 | 1,757,385 | 21 | 91,790 | 70 | 328,562 |
| Residential | 667 | 17,511,037 | 123 | 2,353,526 | 6 | 327,107 | 357 | 14,263,813 |
| Special Property-Transportation Equip. | 701 | 5,142,116 | 450 | 1,638,183 | 1 | 100 | 744 | 1,553,632 |
| Storage Properties | 57 | 3,645,481 | 100 | 1,057,902 | 3 | 104,000 | 50 | 342,036 |
| Total | 1704 | 36,402,702 | 928 | 7,542,554 | 32 | 558,997 | 1319 | 19,959,635 |

➤ Property Losses Related to Fuel or Energy – 2000 (cont'd)

| Property Classification | Unclassified | | Unknown | |
|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 2 | 537,155 | 26 | 1,188,835 |
| Business and Personal Service | 2 | 50,000 | 6 | 1,162,949 |
| Industrial Manufacturing Properties | 21 | 535,115 | 19 | 2,236,357 |
| Institutional | . | . | 2 | 51,000 |
| Mercantile | 7 | 34,662 | 22 | 7,349,364 |
| Miscellaneous Property | 29 | 308,895 | 126 | 9,337,202 |
| Residential | 137 | 4,068,868 | 212 | 16,141,581 |
| Special Property-Transportation Equip. | 103 | 1,484,087 | 810 | 10,922,104 |
| Storage Properties | 12 | 711,344 | 58 | 13,820,766 |
| Total | 313 | 7,730,126 | 1281 | 62,210,158 |

## ➤ Property Losses Related to Material First Ignited – 2000

| Property Classification | Clothing, Textiles | | Furniture, Furnishings | | Structural Components | | Wood, Paper Products | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 8 | 113,211 | 5 | 136,780 | 30 | 2,137,324 | 32 | 998,958 |
| Business and Personal Service | . | . | 2 | 32,977 | 7 | 108,188 | 6 | 25,056 |
| Industrial Manufacturing Properties | 4 | 41,200 | . | . | 20 | 1,695,434 | 23 | 364,678 |
| Institutional | 5 | 7,702 | 7 | 30,151 | 3 | 124,243 | 4 | 2,252 |
| Mercantile | 6 | 4,831,634 | 2 | 151 | 33 | 5,609,836 | 17 | 1,069,792 |
| Miscellaneous Property | 4 | 132,051 | 5 | 14,174 | 214 | 1,792,199 | 61 | 1,769,920 |
| Residential | 100 | 1,777,905 | 214 | 7,325,207 | 356 | 18,996,950 | 169 | 9,853,820 |
| Special Property-Transportation Equip. | 46 | 88,097 | 29 | 130,152 | 65 | 893,793 | 304 | 640,345 |
| Storage Properties | 4 | 14,201 | 4 | 19,901 | 117 | 3,499,466 | 40 | 322,925 |
| Total | 177 | 7,006,001 | 268 | 7,689,493 | 845 | 34,857,433 | 656 | 15,047,746 |

| Property Classification | Agricultural Products | | Chemicals | | Flammable & Combustible Liquids | | Flammable Gases | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 4 | 2,801 | 8 | 58,150 | 42 | 533,372 | 8 | 94,974 |
| Business and Personal Service | 1 | 3,500 | 5 | 56,162 | . | . | 2 | 305,200 |
| Industrial Manufacturing Properties | 7 | 66,100 | 8 | 130,371 | 22 | 1,913,033 | 4 | 201,011 |
| Institutional | 2 | 351 | 5 | 53,028 | 5 | 36,650 | . | . |
| Mercantile | 3 | 1,700 | 8 | 90,750 | 17 | 1,129,897 | 4 | 1,144,023 |
| Miscellaneous Property | 148 | 1,769,603 | 11 | 8,810 | 26 | 5,551,128 | 6 | 1,332,000 |
| Residential | 95 | 1,725,468 | 77 | 678,683 | 302 | 5,440,989 | 39 | 1,348,532 |
| Special Property-Transportation Equip. | 369 | 1,784,176 | 131 | 863,261 | 493 | 9,090,474 | 63 | 1,387,267 |
| Storage Properties | 9 | 379,065 | 5 | 65,513 | 35 | 1,422,111 | 6 | 370,623 |
| Total | 638 | 5,732,764 | 258 | 2,004,728 | 942 | 25,117,654 | 132 | 6,183,630 |

## ➤ Property Losses Related to Material First Ignited – 2000 (cont'd)

| Property Classification | Miscellaneous | | Unknown | |
|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 31 | 794,305 | 19 | 1,156,246 |
| Business and Personal Service | 7 | 668,308 | 7 | 1,199,836 |
| Industrial Manufacturing Properties | 12 | 327,868 | 13 | 816,698 |
| Institutional | 6 | 51,477 | 3 | 1,600 |
| Mercantile | 18 | 305,668 | 16 | 1,421,665 |
| Miscellaneous Property | 44 | 383,746 | 115 | 2,232,532 |
| Residential | 210 | 3,094,499 | 245 | 14,352,369 |
| Special Property-Transportation Equip. | 772 | 2,856,921 | 924 | 11,160,439 |
| Storage Properties | 32 | 388,558 | 65 | 14,066,527 |
| Total | 1132 | 8,871,350 | 1407 | 46,407,912 |

## ➤ Property Losses Related to Initial Detection – 2000

| Property Classification | Automatic Systems | | Heat Alarm/Detector Device | | Smoke Alarm/Detector Device | | Visual Sighting/Personal Detection | |
|---|---|---|---|---|---|---|---|---|
| | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses | No. Of Fires | $ Losses |
| Assembly | 3 | 6,600 | 2 | 32,000 | 16 | 1,124,321 | 164 | 4,820,584 |
| Business and Personal Service | 2 | 2,500 | 1 | 2,000 | 2 | 9,962 | 32 | 2,384,765 |
| Industrial Manufacturing Properties | 5 | 84,000 | 1 | 50,000 | 2 | 992,110 | 102 | 4,248,785 |
| Institutional | 2 | 1,001 | . | . | 11 | 46,352 | 25 | 209,851 |
| Mercantile | 4 | 145,700 | . | . | 4 | 3,466,900 | 115 | 11,600,982 |
| Miscellaneous Property | . | . | . | . | 1 | 2,000 | 628 | 14,891,800 |
| Residential | 14 | 90,342 | 3 | 1,278,899 | 187 | 6,940,125 | 1538 | 53,060,583 |
| Special Property-Transportation Equip. | . | . | . | . | 1 | 2,000 | 3182 | 28,673,924 |
| Storage Properties | 2 | 27,001 | 1 | 2,200 | 2 | 27,250 | 310 | 20,460,939 |
| Total | 32 | 357,144 | 8 | 1,365,099 | 226 | 12,611,020 | 6096 | 140,352,213 |

| Property Classification | Unclassified or Unknown | |
|---|---|---|
| | No. Of Fires | $ Losses |
| Assembly | 2 | 42,616 |
| Industrial Manufacturing Properties | 3 | 181,498 |
| Institutional | 2 | 50,250 |
| Mercantile | 1 | 391,534 |
| Miscellaneous Property | 5 | 92,363 |
| Residential | 65 | 3,224,473 |
| Special Property-Transportation Equip. | 13 | 219,001 |
| Storage Properties | 2 | 31,500 |
| Total | 93 | 4,233,235 |

## ➤ Fires by Method of Fire Control and Extinguishment – 2000

| Method of Fire Control and Extinguishment | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| Unknown | Miscellaneous-Unknown | 1183 | 18.4 | 27,432,810 | 17.3 |
| | Sub Total | 1183 | 18.3 | 27,432,810 | 17.3 |
| Hand Fire Extinguisher | Water pump tank | 86 | 1.3 | 618,515 | 0.4 |
| | Water pressurized | 43 | 0.7 | 308,010 | 0.2 |
| | Foam | 19 | 0.3 | 300,932 | 0.2 |
| | Vapourizing liquid/Halon | 3 | 0.0 | 2,300 | 0.0 |
| | CO2 | 11 | 0.2 | 17,171 | 0.0 |
| | Dry chemical | 362 | 5.6 | 1,691,376 | 1.1 |
| | Multipurpose dry chemical | 69 | 1.1 | 272,054 | 0.2 |
| | Hand fire extinguisher-Unclassified | 28 | 0.4 | 115,828 | 0.1 |
| | Sub Total | 621 | 9.6 | 3,326,186 | 2.1 |
| Standpipe System | Sm. hose/38 mm straight stream noz. | 14 | 0.2 | 41,455 | 0.0 |
| | Sm. hose/38 mm combination noz. | 115 | 1.8 | 2,482,165 | 1.6 |
| | Lge. hose/65 mm combination noz. | 1 | 0.0 | 460,000 | 0.3 |
| | Cont. flow/<38 mm straight stream noz. | 1 | 0.0 | 200 | 0.0 |
| | Cont. flow/<38 mm combination noz. | 1 | 0.0 | 50,412 | 0.0 |
| | Standpipe system-Unclassified | 3 | 0.0 | 217,977 | 0.1 |
| | Sub Total | 135 | 2.1 | 3,252,209 | 2.0 |

(continued)

## ➤ Fires by Method of Fire Control and Extinguishment – 2000 (cont'd)

| Method of Fire Control and Extinguishment | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| "Makeshift" Firefighting Aid | Garden hose | 137 | 2.1 | 555,285 | 0.3 |
| | Water bucket | 125 | 1.9 | 395,378 | 0.2 |
| | Small water container | 114 | 1.8 | 350,738 | 0.2 |
| | Sand bucket | 3 | 0.0 | 700 | 0.0 |
| | Baking soda | 12 | 0.2 | 54,375 | 0.0 |
| | Smothered by covering | 56 | 0.9 | 165,617 | 0.1 |
| | Snow | 39 | 0.6 | 94,733 | 0.1 |
| | Makeshift fire fighting aid-Unclassified | 51 | 0.8 | 131,781 | 0.1 |
| | Sub Total | 537 | 8.3 | 1,748,607 | 1.1 |
| Fire Department-Water | Booster hose, 25 mm or less | 159 | 2.5 | 474,385 | 0.3 |
| | 38 mm hose, 1 hoseline | 1698 | 26.3 | 11,455,028 | 7.2 |
| | 38 mm hose, 2 or more | 958 | 14.8 | 33,353,233 | 21.0 |
| | 65 mm hose, 1 hoseline | 16 | 0.2 | 213,320 | 0.1 |
| | 65 mm hose, 2 or more | 31 | 0.5 | 1,210,614 | 0.8 |
| | 77 mm or larger hose, 1 or more | 4 | 0.1 | 218,644 | 0.1 |
| | Comb. of 38 mm, 65 mm, 77 mm or larger | 369 | 5.7 | 51,250,246 | 32.2 |
| | Portable water deluge set | 11 | 0.2 | 2,385,900 | 1.5 |
| | Fire department - water-Unclassified | 151 | 2.3 | 4,630,794 | 2.9 |
| | Sub Total | 3397 | 52.6 | 105,192,164 | 66.2 |
| Fire Department - Other Than Water | Crash-fire foam veh., using monitor | 2 | 0.0 | 407,212 | 0.3 |

(continued)

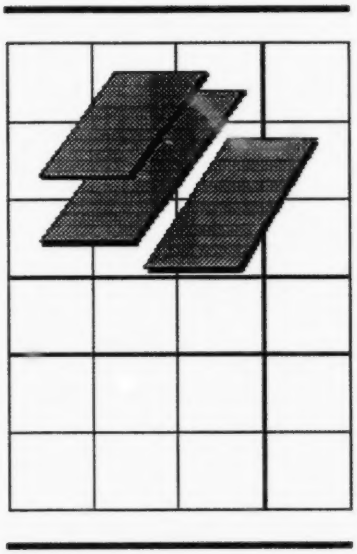
➤ Fires by Method of Fire Control and Extinguishment – 2000 (cont'd)

| Method of Fire Control and Extinguishment | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| | Crash-fire foam veh., using handlines | 5 | 0.1 | 144,300 | 0.1 |
| | Pumper, foam hand. only, via eductor | 139 | 2.2 | 8,590,877 | 5.4 |
| | Vehicle, combination, foam-dry chemical | 1 | 0.0 | 1,000 | 0.0 |
| | Vehicle, dry chemical, under 450 kg | 1 | 0.0 | 1,000 | 0.0 |
| | Fire dept. - other than water-Unclass. | 20 | 0.3 | 93,938 | 0.1 |
| | Sub Total | 168 | 2.6 | 9,238,327 | 5.8 |
| Sprinkler System | Wet pipe sys., alarm conn. to fire dept. | 20 | 0.3 | 127,302 | 0.1 |
| | Wet pipe sys., local alarm only | 6 | 0.1 | 1,729,000 | 1.1 |
| | Dry pipe sys., alarm conn. to fire dept. | 3 | 0.0 | 78,100 | 0.0 |
| | Dry pipe sys., local alarm only | 1 | 0.0 | 2,000 | 0.0 |
| | Sub Total | 30 | 0.5 | 1,936,402 | 1.2 |
| Fixed System- Other Than Sprinklers | Dry chemical system | 1 | 0.0 | 300 | 0.0 |
| | Foam-water system | 1 | 0.0 | 500 | 0.0 |
| | Water spray system | 1 | 0.0 | 500 | 0.0 |
| | Sub Total | 3 | 0.0 | 1,300 | 0.0 |
| Burned Out | Burned out before fire dept. arrival | 201 | 3.1 | 1,014,381 | 0.6 |
| | Incapable of controlling | 18 | 0.3 | 3,041,711 | 1.9 |
| | Burned out-Unclassified | 91 | 1.4 | 2,437,729 | 1.5 |

(continued)

➤ Fires by Method of Fire Control and Extinguishment – 2000 (cont'd)

| Method of Fire Control and Extinguishment | | No. of Fires | % Of Total | $ Losses | % Of Total |
|---|---|---|---|---|---|
| | Sub Total | 310 | 4.8 | 6,493,821 | 4.1 |
| Miscellaneous | Miscellaneous-Unclassified | 71 | 1.1 | 296,885 | 0.2 |
| | Sub Total | 71 | 1.1 | 296,885 | 0.2 |
| Total | | 6455 | 100.0 | 158,918,711 | 100.0 |



# Alberta Home Fire Losses

## ➤ Home Fires by Type of Home – 2000

| Type of Home | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| One/Two Family Dwellings | 1148 | 70 | 11 | 58 | 111 | 59 | 44,394,658 | 74 |
| Apartments, Tenements, Flats | 367 | 22 | 6 | 32 | 67 | 36 | 10,815,765 | 18 |
| Mobile Homes | 131 | 8 | 2 | 11 | 9 | 5 | 4,641,698 | 8 |
| Total | 1646 | 100 | 19 | 100 | 187 | 100 | 59,852,121 | 100 |

## ➤ Home Fires by Major Areas of Fire Origin – 2000

| Area of Origin | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Kitchen/cooking area | 404 | 25 | 4 | 21 | 57 | 30 | 7,248,550 | 12 |
| Other | 266 | 16 | 2 | 11 | 23 | 12 | 9,505,592 | 16 |
| Sleeping (under 5 occupants) | 212 | 13 | 5 | 26 | 34 | 18 | 9,472,744 | 16 |
| Living/rec./family room, lounge, den | 191 | 12 | 4 | 21 | 35 | 19 | 10,526,752 | 18 |
| Structural Areas | 110 | 7 | 2 | 11 | 7 | 4 | 8,340,105 | 14 |
| Exterior wall | 100 | 6 | 0 | 0 | 0 | 0 | 3,253,963 | 5 |
| Laundry area | 82 | 5 | 0 | 0 | 3 | 2 | 1,202,331 | 2 |
| Heating equipment room | 76 | 5 | 0 | 0 | 13 | 7 | 3,271,599 | 5 |
| Court/patio/terrace | 72 | 4 | 0 | 0 | 1 | 1 | 1,189,764 | 2 |
| Unknown | 67 | 4 | 2 | 11 | 8 | 4 | 4,646,289 | 8 |
| Exterior balcony/porch | 66 | 4 | 0 | 0 | 6 | 3 | 1,194,432 | 2 |
| Total | 1646 | 100 | 19 | 100 | 187 | 100 | 59,852,121 | 100 |

## ➤ Home Fires by Major Areas of Fire Origin and Sources of Ignition – 2000

| Area of Origin | Source of Ignition | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|
| Kitchen/cooking area | Other | 50 | 12 | 1 | 3 | 1,150,980 |
| | Stove/top burner (fire in pan) | 147 | 36 | 3 | 17 | 2,305,378 |
| | Stove/top burner (deep fat fryer/pot) | 88 | 22 | 0 | 19 | 1,654,702 |
| | Stove/top burner (other circumstances) | 63 | 16 | 0 | 14 | 1,571,537 |
| | Other cooking eqpt. | 21 | 5 | 0 | 0 | 185,833 |
| | Oven of stove/range | 35 | 9 | 0 | 4 | 380,120 |
| | Area of Origin Total | 404 | 100 | 4 | 57 | 7,248,550 |
| Sleeping (under 5 occupants) | Other | 42 | 20 | 1 | 9 | 2,454,199 |
| | Smoker's material | 40 | 19 | 2 | 8 | 1,577,359 |
| | Match/lighter (not with smoking) | 45 | 21 | 2 | 9 | 1,600,824 |
| | Candle, taper | 41 | 19 | 0 | 5 | 1,386,101 |
| | Other electrical eqpt. | 29 | 14 | 0 | 2 | 2,149,047 |
| | Other appliances/eqpt. | 15 | 7 | 0 | 1 | 305,214 |
| | Area of Origin Total | 212 | 100 | 5 | 34 | 9,472,744 |
| Living/rec./family room, lounge, den | Other | 26 | 14 | 0 | 6 | 1,901,155 |
| | Smoker's material | 31 | 16 | 1 | 12 | 4,605,498 |
| | Match/lighter (not with smoking) | 19 | 10 | 1 | 7 | 795,898 |
| | Candle, taper | 38 | 20 | 0 | 4 | 1,040,892 |
| | Other electrical eqpt. | 22 | 12 | 2 | 1 | 588,407 |

(continued)

## ➤ Home Fires by Major Areas of Fire Origin and Sources of Ignition – 2000

| Area of Origin | Source of Ignition | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|
| | Fireplace | 28 | 15 | 0 | 1 | 510,584 |
| | Other appliances/eqpt. | 11 | 6 | 0 | 1 | 342,457 |
| | Other heating eqpt. | 16 | 8 | 0 | 3 | 741,861 |
| | Area of Origin Total | 191 | 100 | 4 | 35 | 10,526,752 |
| Structural Areas | Other | 26 | 15 | 0 | 5 | 3,204,357 |
| | Smoker's material | 34 | 19 | 0 | 1 | 225,413 |
| | Match/lighter (not with smoking) | 11 | 6 | 2 | 0 | 413,288 |
| | Other electrical eqpt. | 11 | 6 | 0 | 0 | 363,135 |
| | Other cooking eqpt. | 10 | 6 | 0 | 0 | 110,630 |
| | Fireplace | 13 | 7 | 0 | 1 | 996,786 |
| | Other heating eqpt. | 22 | 13 | 0 | 5 | 1,747,529 |
| | Other smoker's mtl./open flames | 18 | 10 | 0 | 0 | 421,733 |
| | Permanent electical wiring/cable | 19 | 11 | 0 | 1 | 1,921,990 |
| | Other exposure fires | 12 | 7 | 0 | 0 | 129,676 |
| | Area of Origin Total | 176 | 100 | 2 | 13 | 9,534,537 |
| Other | Other | 29 | 18 | 0 | 3 | 1,229,885 |
| | Smoker's material | 10 | 6 | 0 | 0 | 203,676 |
| | Match/lighter (not with smoking) | 11 | 7 | 0 | 0 | 229,278 |
| | Candle, taper | 19 | 12 | 0 | 0 | 395,786 |
| | Other electrical eqpt. | 13 | 8 | 0 | 1 | 433,189 |

(continued)

## ➤ Home Fires by Major Areas of Fire Origin and Sources of Ignition – 2000

| Area of Origin | Source of Ignition | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|
| | Dryer for clothes | 52 | 32 | 0 | 0 | 430,999 |
| | Other cooking eqpt. | 17 | 10 | 0 | 1 | 139,674 |
| | Other appliances/eqpt. | 13 | 8 | 0 | 2 | 316,003 |
| | Area of Origin Total | 164 | 100 | 0 | 7 | 3,378,490 |
| Exterior wall | Other | 14 | 14 | 0 | 0 | 323,413 |
| | Match/lighter (not with smoking) | 12 | 12 | 0 | 0 | 782,165 |
| | Other electrical eqpt. | 8 | 8 | 0 | 0 | 329,164 |
| | Exposure from detached structure fire | 24 | 24 | 0 | 0 | 721,662 |
| | Other smoker's mtl./open flames | 6 | 6 | 0 | 0 | 79,200 |
| | Other exposure fires | 5 | 5 | 0 | 0 | 316,372 |
| | Exposure from 'open' rubbish/camp fire | 12 | 12 | 0 | 0 | 151,070 |
| | Exposure from unclassified source | 11 | 11 | 0 | 0 | 382,210 |
| | Exposure from grass/shrub/brush fire | 8 | 8 | 0 | 0 | 168,707 |
| | Area of Origin Total | 100 | 100 | 0 | 0 | 3,253,963 |
| Total | | 1247 | 100 | 15 | 146 | 43,415,036 |

➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Living/rec./family room, lounge, den | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Candle, taper | Other | Other | 16 | 8 | 0 | 2 | 456,715 |
| | Accident | Other | 22 | 12 | 0 | 2 | 584,177 |
| Smoker's material | Other | Other | 5 | 3 | 1 | 2 | 154,101 |
| | Smoker's material | Other | 9 | 5 | 0 | 3 | 3,673,595 |
| | | Furniture (upholstered) | 17 | 9 | 0 | 7 | 777,802 |
| Fireplace | Other | Other | 19 | 10 | 0 | 1 | 444,101 |
| | Ignorance of hazard | Other | 9 | 5 | 0 | 0 | 66,483 |
| Other electrical eqpt. | Other | Other | 22 | 12 | 2 | 1 | 588,407 |
| Other | Other | Other | 21 | 11 | 0 | 2 | 635,980 |
| Match/lighter (not with smoking) | Other | Other | 7 | 4 | 0 | 0 | 270,500 |
| | Child playing with | Other | 2 | 1 | 0 | 2 | 36,000 |
| | | Furniture (upholstered) | 5 | 3 | 0 | 5 | 261,211 |
| | Arson/set fire-Unknown | Other | 5 | 3 | 1 | 0 | 228,187 |
| Other heating eqpt. | Other | Other | 16 | 8 | 0 | 3 | 741,861 |
| Unknown/unclassif. | Other | Other | 16 | 8 | 0 | 5 | 1,607,632 |
| Total | | | 191 | 100 | 4 | 35 | 10,526,752 |

## ➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Sleeping (under 5 occupants) | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Match/lighter (not with smoking) | Other | Other | 17 | 8 | 2 | 2 | 391,163 |
| | Child playing with | Other | 21 | 10 | 0 | 4 | 1,053,299 |
| | | Mattress/pillow | 7 | 3 | 0 | 3 | 156,362 |
| Candle, taper | Other | Other | 11 | 5 | 0 | 2 | 115,610 |
| | Accident | Other | 30 | 14 | 0 | 3 | 1,270,491 |
| Smoker's material | Other | Other | 8 | 4 | 0 | 3 | 185,022 |
| | Smoker's material | Other | 19 | 9 | 1 | 4 | 987,038 |
| | | Mattress/pillow | 13 | 6 | 1 | 1 | 405,299 |
| Other electrical eqpt. | Other | Other | 29 | 14 | 0 | 2 | 2,149,047 |
| Unknown/unclassif. | Other | Other | 29 | 14 | 1 | 7 | 2,322,831 |
| Other | Other | Other | 28 | 13 | 0 | 3 | 436,582 |
| Total | | | 212 | 100 | 5 | 34 | 9,472,744 |

## ➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Kitchen/cooking area | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Stove/top burner (fire in pan) | Other | Other | 70 | 17 | 3 | 11 | 1,027,993 |
| | Overheated cooking oil, grease, wax | Other | 8 | 2 | 0 | 0 | 103,755 |
| | | Cooking oil/fat | 69 | 17 | 0 | 6 | 1,173,630 |
| Stove/top burner (deep fat fryer/pot) | Other | Other | 20 | 5 | 0 | 7 | 247,136 |
| | Overheated cooking oil, grease, wax | Other | 8 | 2 | 0 | 1 | 178,582 |
| | | Cooking oil/fat | 60 | 15 | 0 | 11 | 1,228,984 |
| Other | Other | Other | 71 | 18 | 1 | 3 | 1,336,813 |
| Stove/top burner (other circumstances) | Other | Other | 47 | 12 | 0 | 8 | 1,041,372 |
| | Combustible placed too close to heat | Other | 16 | 4 | 0 | 6 | 530,165 |
| Oven of stove/range Oven of stove/range | Other | Other | 29 | 7 | 0 | 3 | 343,404 |
| | Accident | Other | 4 | 1 | 0 | 1 | 18,732 |
| | | Unclassified | 2 | 0 | 0 | 0 | 17,984 |
| | Other Accident | Other | 29 | 7 | 0 | 3 | 343,404 |
| | | Other | 4 | 1 | 0 | 1 | 18,732 |
| | | Unclassified | 2 | 0 | 0 | 0 | 17,984 |
| Total | | | 404 | 100 | 4 | 57 | 7,248,550 |

➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Laundry area | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Dryer for clothes | Other | Other | 22 | 27 | 0 | 0 | 205,388 |
| | Ignorance of hazard | Other | 7 | 9 | 0 | 0 | 129,726 |
| | | Fibres/fibre products | 15 | 18 | 0 | 0 | 39,414 |
| | Electrical short circuit | Other | 1 | 1 | 0 | 0 | 200 |
| | | Fibres/fibre products | 2 | 2 | 0 | 0 | 1,600 |
| | | Electric insulation in electric equip. | 3 | 4 | 0 | 0 | 24,571 |
| | | Material first ignited-Unknown | 2 | 2 | 0 | 0 | 30,100 |
| Other | Other | Other | 30 | 37 | 0 | 3 | 771,332 |
| Total | | | 82 | 100 | 0 | 3 | 1,202,331 |

## ➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Heating equipment room | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Central heating unit, furnace/boiler | Other | Other | 27 | 36 | 0 | 6 | 1,224,726 |
| | Part failure, leak, break | Other | 6 | 8 | 0 | 0 | 367,650 |
| | | Unclassified | 3 | 4 | 0 | 0 | 22,367 |
| Other | Other | Other | 19 | 25 | 0 | 2 | 389,095 |
| Service water heater | Other | Other | 12 | 16 | 0 | 1 | 333,022 |
| | Part failure, leak, break | Floor covering: wood | 1 | 1 | 0 | 0 | 200 |
| | | Propane or butane air mixture | 1 | 1 | 0 | 0 | 2,000 |
| | | Flammable gas-Unclassified | 1 | 1 | 0 | 0 | 91,518 |
| Unknown/unclassif. | Other | Other | 6 | 8 | 0 | 4 | 841,021 |
| Total | | | 76 | 100 | 0 | 13 | 3,271,599 |

➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Exterior balcony/porch | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Smoker's material | Smoker's material | Other | 12 | 18 | 0 | 0 | 24,019 |
| | | Agricultural/forestry products-Unclass. | 20 | 30 | 0 | 0 | 99,894 |
| | Other | Other | 1 | 2 | 0 | 1 | 1,500 |
| Other | Other | Other | 13 | 20 | 0 | 0 | 362,087 |
| Open fired broiler, portable (barbeque) | Other | Other | 4 | 6 | 0 | 0 | 1,836 |
| | Part failure, leak, break | Propane or butane air mixture | 2 | 3 | 0 | 0 | 2,917 |
| | | Exterior wall cover, eave | 1 | 2 | 0 | 0 | 6,000 |
| | | Propane/butane/liquefied petroleum gases | 1 | 2 | 0 | 0 | 40,000 |
| Match/lighter (not with smoking) | Suspected arson | Material first ignited-Unknown | 1 | 2 | 0 | 0 | 300 |
| | | Interior wall cover:not plastic | 1 | 2 | 0 | 0 | 54,420 |
| | | Flammable/combustible liquid-Unknown | 1 | 2 | 0 | 0 | 500 |
| | | Garbage, trash, rubbish | 1 | 2 | 0 | 0 | 3,218 |
| | Arson/set fire-Unknown | Gasoline | 1 | 2 | 0 | 0 | 200 |
| | Child playing with | Agricultural/forestry products-Unclass. | 1 | 2 | 0 | 0 | 3,500 |
| Unknown/unclassif. | Other | Other | 6 | 9 | 0 | 5 | 594,041 |
| Total | | | 66 | 100 | 0 | 6 | 1,194,432 |

## ➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Exterior wall | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Other | Other | Other | 25 | 25 | 0 | 0 | 718,985 |
| Exposure from detached structure fire | Other | Other | 20 | 20 | 0 | 0 | 619,137 |
| | Ignorance of hazard | Exterior wall cover, eave | 4 | 4 | 0 | 0 | 102,525 |
| Match/lighter (not with smoking) | Other | Other | 3 | 3 | 0 | 0 | 138,500 |
| | Arson/set fire-Unknown | Flammable/combustible liquid-Unknown | 1 | 1 | 0 | 0 | 3,000 |
| | | Gasoline | 2 | 2 | 0 | 0 | 16,705 |
| | Suspected arson | Flammable/combustible liquid-Unknown | 1 | 1 | 0 | 0 | 354,506 |
| | | Clothing: cotton | 1 | 1 | 0 | 0 | 5,000 |
| | Vandalism, mischief, no charges laid | Paper/packing material | 1 | 1 | 0 | 0 | 10,404 |
| | | Unclassified | 1 | 1 | 0 | 0 | 50 |
| | Child playing with | Exterior wall cover, eave | 1 | 1 | 0 | 0 | 84,000 |
| | | Wastepaper | 1 | 1 | 0 | 0 | 170,000 |
| Exposure from 'open' rubbish/camp fire | Other | Other | 5 | 5 | 0 | 0 | 26,271 |
| | Ignorance of hazard | Other | 2 | 2 | 0 | 0 | 26,084 |
| | | Exterior wall cover, eave | 3 | 3 | 0 | 0 | 43,665 |
| | Arson/set fire-Unknown | Exterior wall cover, eave | 2 | 2 | 0 | 0 | 55,050 |
| Exposure from unclassified source | Other | Other | 7 | 7 | 0 | 0 | 361,011 |
| | Arson/set fire-Unknown | Exterior wall cover, eave | 2 | 2 | 0 | 0 | 6,699 |
| | Electrical short circuit | Exterior wall cover, eave | 1 | 1 | 0 | 0 | 1,000 |
| | | Structure-wall | 1 | 1 | 0 | 0 | 13,500 |
| Exposure from grass/shrub/brush fire | Other | Other | 4 | 4 | 0 | 0 | 101,130 |
| | Ignorance of hazard | Exterior wall cover, eave | 2 | 2 | 0 | 0 | 50,577 |
| | Inadequate control of 'open' fire | Exterior wall cover, eave | 2 | 2 | 0 | 0 | 17,000 |
| Other electrical eqpt. | Other | Other | 8 | 8 | 0 | 0 | 329,164 |
| Total | | | 100 | 100 | 0 | 0 | 3,253,963 |

➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Court/patio/terrace | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Smoker's material | Other | Other | 1 | 1 | 0 | 0 | 3,099 |
| | Smoker's material | Other | 11 | 15 | 0 | 0 | 25,655 |
| | | Agricultural/forestry products-Unclass. | 14 | 19 | 0 | 0 | 389,736 |
| Other | Other | Other | 21 | 29 | 0 | 1 | 722,074 |
| Match/lighter (not with smoking) | Other | Other | 4 | 6 | 0 | 0 | 10,432 |
| | Arson/set fire-Unknown | Other | 2 | 3 | 0 | 0 | 301 |
| | | Gasoline | 5 | 7 | 0 | 0 | 16,191 |
| | Child playing with | Gasoline | 1 | 1 | 0 | 0 | 1 |
| | | Exterior trim/appurtenance | 1 | 1 | 0 | 0 | 300 |
| | | Flammable liq.(flash pt=>37C):lubric.oil | 1 | 1 | 0 | 0 | 1,000 |
| | | Plastics: not cellulose nitrate | 1 | 1 | 0 | 0 | 5,000 |
| Open fired broiler, portable (barbeque) | Other | Other | 4 | 6 | 0 | 0 | 4,898 |
| | Part failure, leak, break | Other | 1 | 1 | 0 | 0 | 7,126 |
| | | Propane/butane/liquefied petroleum gases | 3 | 4 | 0 | 0 | 2,751 |
| | | Propane or butane air mixture | 2 | 3 | 0 | 0 | 1,200 |
| Total | | | 72 | 100 | 0 | 1 | 1,189,764 |

## ➤ Home Fires by Major Ignition Scenarios – 2000

| Area of Fire Origin=Structural Areas | | | No. Of Fires | % Of Fires | Deaths | Injuries | $ Losses |
|---|---|---|---|---|---|---|---|
| Source of Ignition | Act or Omission | Material First Ignited | | | | | |
| Other | Other | Other | 22 | 20 | 0 | 1 | 1,411,159 |
| Permanent electrical wiring/cable | Other | Other | 5 | 5 | 0 | 0 | 237,426 |
| | Electrical short circuit | Other | 10 | 9 | 0 | 0 | 1,359,812 |
| | Mech., Elect. Failure-Unknown | Structure-floor/ceiling/roof | 2 | 2 | 0 | 0 | 299,752 |
| | | Structural materials-Unclassified | 1 | 1 | 0 | 1 | 20,000 |
| Fireplace | Other | Other | 5 | 5 | 0 | 1 | 114,356 |
| | Installed too close to combustible | Structure-wall | 1 | 1 | 0 | 0 | 2,294 |
| | | Ceiling cover: high density | 1 | 1 | 0 | 0 | 250,000 |
| | | Wood shavings | 1 | 1 | 0 | 0 | 95,000 |
| | Construction deficiency | Structure-floor/ceiling/roof | 1 | 1 | 0 | 0 | 10,000 |
| | | Wood/wooden items/plywood | 2 | 2 | 0 | 0 | 15,536 |
| | Part failure, leak, break | Structure-wall | 1 | 1 | 0 | 0 | 50,000 |
| | | Exterior wall cover, eave | 1 | 1 | 0 | 0 | 459,600 |
| Factory-built, metal chimney | Other | Other | 7 | 6 | 0 | 4 | 790,093 |
| | Installed too close to combustible | Exterior wall cover, eave | 1 | 1 | 0 | 0 | 32,000 |
| | | Roof covering: wood | 1 | 1 | 0 | 0 | 3,000 |
| | | Insulation: wood/wood products | 1 | 1 | 0 | 0 | 13,500 |
| Torch, other than cutting, welding | Other | Other | 1 | 1 | 0 | 0 | 1,000 |
| | Thawing | Other | 3 | 3 | 0 | 0 | 170,838 |
| | | Insulation: plastic | 2 | 2 | 0 | 0 | 54,405 |
| | Torch too close to | Structure-wall | 2 | 2 | 0 | 0 | 2,969 |
| | | Floor covering: wood | 1 | 1 | 0 | 0 | 5,500 |
| | | Wood/paper products-Unclassified | 1 | 1 | 0 | 0 | 31,486 |
| Other exposure fires | Other | Other | 10 | 9 | 0 | 0 | 116,676 |
| Other electrical eqpt. | Other | Other | 9 | 8 | 0 | 0 | 300,460 |
| Other smoker's mtl./open flames | Other | Other | 9 | 8 | 2 | 0 | 467,250 |
| Unknown/unclassif. | Other | Other | 9 | 8 | 0 | 0 | 2,025,993 |
| Total | | | 110 | 100 | 2 | 7 | 8,340,105 |

## ➤ Major Causes of Home Fires in Alberta – 2000

| Fire Causes | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Other Causes/Unknown | 272 | 17 | 8 | 42 | 29 | 16 | 15,837,332 | 26 |
| Other Cooking | 246 | 15 | 2 | 11 | 36 | 19 | 4,189,231 | 7 |
| Heating Eqpt. Related | 210 | 13 | 0 | 0 | 26 | 14 | 8,306,671 | 14 |
| Smoking | 181 | 11 | 5 | 26 | 24 | 13 | 7,907,936 | 13 |
| Arson/Set Fire | 144 | 9 | 4 | 21 | 14 | 7 | 5,494,192 | 9 |
| Overheated Cooking Oil Fire | 144 | 9 | 0 | 0 | 18 | 10 | 2,557,806 | 4 |
| Electrical Distrib. Eqpt. | 101 | 6 | 0 | 0 | 8 | 4 | 6,162,540 | 10 |
| Candle (accident) | 100 | 6 | 0 | 0 | 10 | 5 | 2,782,654 | 5 |
| Child Fireplay | 75 | 5 | 0 | 0 | 19 | 10 | 2,853,387 | 5 |
| Exposure Fire | 60 | 4 | 0 | 0 | 0 | 0 | 1,749,578 | 3 |
| Clothes Dryer | 57 | 3 | 0 | 0 | 0 | 0 | 538,305 | 1 |
| Appliance/Equipment Related | 56 | 3 | 0 | 0 | 3 | 2 | 1,472,489 | 2 |
| TOTAL | 1,646 | 100 | 19 | 100 | 187 | 100 | 59,852,121 | 100 |

➤ Major Causes of Home Fires in Alberta – 1991 - 2000

| Fire Causes | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Other Causes/Unknown | 2,873 | 17 | 59 | 25 | 349 | 14 | 133,008,545 | 29 |
| Other Cooking | 2,282 | 13 | 25 | 11 | 289 | 11 | 29,575,403 | 7 |
| Overheated Cooking Oil Fire | 2,276 | 13 | 6 | 3 | 460 | 18 | 25,490,524 | 6 |
| Smoking | 1,961 | 11 | 74 | 32 | 456 | 18 | 46,767,091 | 10 |
| Heating Eqpt. Related | 1,801 | 10 | 22 | 9 | 216 | 8 | 52,166,951 | 12 |
| Arson/Set Fire | 1,621 | 9 | 17 | 7 | 174 | 7 | 47,594,026 | 11 |
| Child Fireplay | 1,113 | 6 | 14 | 6 | 309 | 12 | 28,120,817 | 6 |
| Electrical Distrib. Eqpt. | 1,038 | 6 | 5 | 2 | 83 | 3 | 46,038,451 | 10 |
| Candle (accident) | 656 | 4 | 10 | 4 | 154 | 6 | 12,675,675 | 3 |
| Clothes Dryer | 619 | 4 | 0 | 0 | 24 | 1 | 4,899,680 | 1 |
| Exposure Fire | 594 | 3 | 0 | 0 | 5 | 0 | 12,056,395 | 3 |
| Appliance/Equipment Related | 548 | 3 | 1 | 0 | 38 | 1 | 13,123,693 | 3 |
| TOTAL | 17,382 | 100 | 233 | 100 | 2557 | 100 | 451,517,251 | 100 |

## ➤ Home Fires By Smoke Alarm Operation – 2000

| Smoke Alarm Installation | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Not Installed | 696 | 42 | 6 | 32 | 54 | 29 | 27,743,767 | 46 |
| Installed | 950 | 58 | 13 | 68 | 133 | 71 | 32,108,354 | 54 |
| Total | 1646 | 100 | 19 | 100 | 187 | 100 | 59,852,121 | 100 |

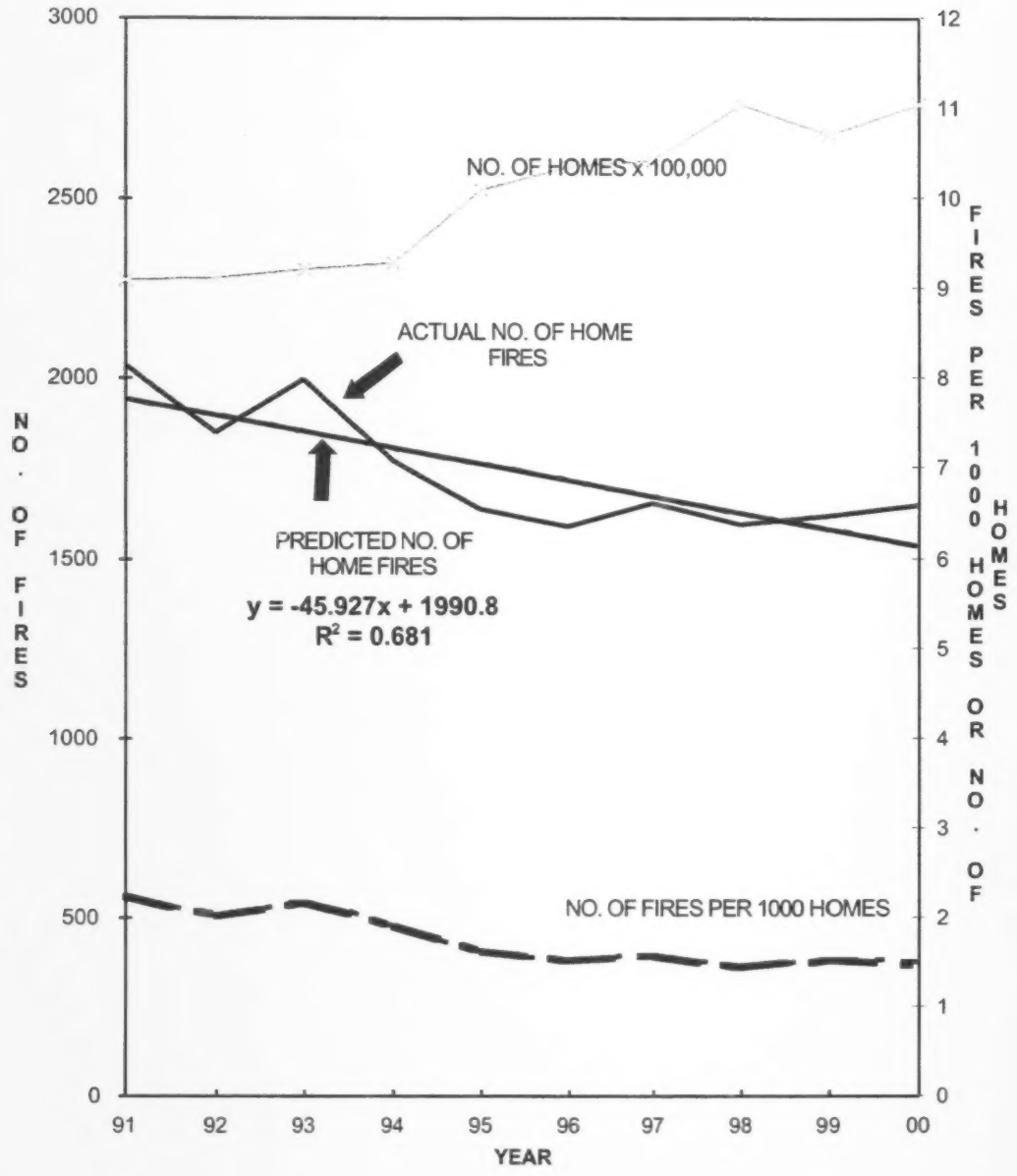
| Activation of Smoke Alarms | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Activated | 367 | 39 | 8 | 62 | 73 | 55 | 13,313,585 | 41 |
| Not activated | 314 | 33 | 1 | 8 | 35 | 26 | 6,662,948 | 21 |
| Unknown | 269 | 28 | 4 | 31 | 25 | 19 | 12,131,821 | 38 |
| Total | 950 | 100 | 13 | 100 | 133 | 100 | 32,108,354 | 100 |

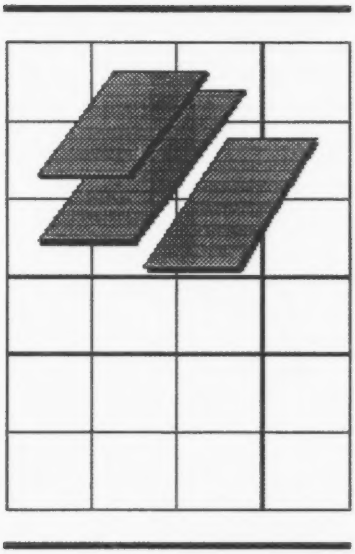
| Alarm Assistance to Occupants | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Unknown | 7 | 2 | 0 | 0 | 1 | 1 | 109,347 | 1 |
| Assisted occupants to evacuate | 250 | 68 | 5 | 63 | 58 | 79 | 8,847,205 | 66 |
| Did not assist occupants | 110 | 30 | 3 | 38 | 14 | 19 | 4,357,033 | 33 |
| Total | 367 | 100 | 8 | 100 | 73 | 100 | 13,313,585 | 100 |

| Reasons - Alarms Did Not Assist | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Alarm inaudible | 3 | 3 | 2 | 67 | 2 | 14 | 173,000 | 4 |
| Unable to respond | 1 | 1 | 0 | 0 | 0 | 0 | 2,000 | 0 |
| Handicapped | 3 | 3 | 1 | 33 | 0 | 0 | 139,178 | 3 |
| Under influence of alcohol/drugs | 5 | 5 | 0 | 0 | 2 | 14 | 243,120 | 6 |
| Unsuitable location | 1 | 1 | 0 | 0 | 0 | 0 | 18,000 | 0 |
| Unknown | 15 | 14 | 0 | 0 | 1 | 7 | 1,041,697 | 24 |
| Unnecessary to evacuate | 45 | 41 | 0 | 0 | 2 | 14 | 1,191,107 | 27 |
| Other | 37 | 34 | 0 | 0 | 7 | 50 | 1,548,931 | 36 |
| Total | 110 | 100 | 3 | 100 | 14 | 100 | 4,357,033 | 100 |

| Reasons - Alarms Not Activated | Fires | % Of Fires | Deaths | % Of Deaths | Injuries | % Of Injuries | $ Losses | % Of $ Losses |
|---|---|---|---|---|---|---|---|---|
| Unsuitable location | 6 | 2 | 0 | 0 | 1 | 3 | 216,141 | 3 |
| No battery | 58 | 18 | 0 | 0 | 9 | 26 | 1,073,855 | 16 |
| Dead battery | 18 | 6 | 0 | 0 | 2 | 6 | 703,994 | 11 |
| Electricity off | 6 | 2 | 0 | 0 | 1 | 3 | 172,285 | 3 |
| Electricity not connected | 23 | 7 | 0 | 0 | 1 | 3 | 251,347 | 4 |
| Mechanical failure | 10 | 3 | 0 | 0 | 2 | 6 | 211,406 | 3 |
| Not enough smoke | 117 | 37 | 0 | 0 | 9 | 26 | 1,080,180 | 16 |
| Unknown | 37 | 12 | 1 | 100 | 6 | 17 | 1,568,312 | 23 |
| Other | 39 | 12 | 0 | 0 | 4 | 11 | 1,385,428 | 21 |
| Total | 314 | 100 | 1 | 100 | 35 | 100 | 6,662,948 | 100 |

➤ Trends in Alberta Home Fires 1991 - 2000





# Municipal Fire Loss Statistics

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| GRANDE PRAIRIE COUNTY #1 | COUNTY OF GRANDE PRAIRIE #1 | 15,320 | 103 | 2,057,851 | 6.7 | 134.32 | 916 | 21,126,197 | 6.0 | 137.90 |
| | BEAVERLODGE | 1,997 | 8 | 99,116 | 4.0 | 49.63 | 42 | 673,437 | 2.1 | 33.72 |
| | HYTHE | 712 | . | . | . | . | 6 | 36,251 | 0.8 | 5.09 |
| | SEXSMITH | 1,615 | . | . | . | . | 39 | 740,161 | 2.4 | 45.83 |
| | WEMBLEY | 1,523 | . | . | . | . | 33 | 208,767 | 2.2 | 13.71 |
| VULCAN COUNTY | VULCAN COUNTY | 3,829 | 22 | 302,522 | 5.7 | 79.01 | 145 | 3,026,387 | 3.8 | 79.04 |
| | VULCAN | 1,677 | 1 | 66,496 | 0.6 | 39.65 | 11 | 186,244 | 0.7 | 11.11 |
| | ARROWWOOD | 176 | . | . | . | . | 1 | 2,528 | 0.6 | 1.44 |
| | CARMANGAY | 258 | . | . | . | . | 3 | 4,001 | 1.2 | 1.55 |
| | CHAMPION | 384 | 1 | 45,000 | 2.6 | 117.19 | 6 | 152,591 | 1.6 | 39.74 |
| | LOMOND | 170 | . | . | . | . | 2 | 23,173 | 1.2 | 13.63 |
| | MILO | 117 | . | . | . | . | . | . | . | . |
| PONOKA COUNTY | PONOKA COUNTY | 8,313 | 21 | 840,895 | 2.5 | 101.15 | 268 | 5,865,848 | 3.2 | 70.56 |
| | PONOKA | 6,149 | 6 | 192,072 | 1.0 | 31.24 | 84 | 5,845,901 | 1.4 | 95.07 |
| | RIMBEY | 2,106 | 2 | 70,490 | 0.9 | 33.47 | 32 | 646,402 | 1.5 | 30.69 |
| | PARKLAND BEACH S.V. | 97 | . | . | . | . | . | . | . | . |
| NEWELL COUNTY #4 | COUNTY OF NEWELL #4 | 6,421 | 20 | 393,605 | 3.1 | 61.30 | 261 | 5,748,896 | 4.1 | 89.53 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | BROOKS | 11,584 | 29 | 803,695 | 2.5 | 69.38 | 199 | 6,507,323 | 1.7 | 56.18 |
| | BASSANO | 1,272 | 2 | 12,026 | 1.6 | 9.45 | 15 | 157,224 | 1.2 | 12.36 |
| | DUCHESS | 845 | . | . | . | . | 6 | 60,195 | 0.7 | 7.12 |
| | ROSEMARY | 332 | . | . | . | . | 1 | 889 | 0.3 | 0.27 |
| | TILLEY | 368 | 3 | 110,919 | 8.2 | 301.41 | 6 | 274,681 | 1.6 | 74.64 |
| WARNER COUNTY #5 | COUNTY OF WARNER #5 | 3,561 | 26 | 492,096 | 7.3 | 138.19 | 101 | 2,327,679 | 2.8 | 65.37 |
| | WARNER | 420 | . | . | . | . | 4 | 13,750 | 1.0 | 3.27 |
| | MILK RIVER | 929 | . | . | . | . | 6 | 28,908 | 0.6 | 3.11 |
| | RAYMOND | 3,056 | 2 | 54,414 | 0.7 | 17.81 | 45 | 1,773,246 | 1.5 | 58.03 |
| | COUTTS | 386 | . | . | . | . | 4 | 52,618 | 1.0 | 13.63 |
| | STIRLING | 874 | 7 | 212,336 | 8.0 | 242.95 | 21 | 428,000 | 2.4 | 48.97 |
| STETTLER COUNTY #6 | COUNTY OF STETTLER #6 | 5,278 | 32 | 322,917 | 6.1 | 61.18 | 221 | 3,385,630 | 4.2 | 64.15 |
| | STETTLER | 5,220 | 4 | 4,001 | 0.8 | 0.77 | 73 | 1,497,343 | 1.4 | 28.68 |
| | BIG VALLEY | 308 | 1 | 3,000 | 3.2 | 9.74 | 7 | 56,310 | 2.3 | 18.28 |
| | BOTHA | 194 | . | . | . | . | 3 | 70,690 | 1.5 | 36.44 |
| | DONALDA | 241 | . | . | . | . | 1 | 40,250 | 0.4 | 16.70 |
| | GADSBY | 40 | . | . | . | . | 1 | 80,000 | 2.5 | 200.00 |
| | ROCHON SANDS S.V. | 86 | . | . | . | . | 3 | 58,715 | 3.5 | 68.27 |
| | WHITE SANDS S.V. | 49 | . | . | . | . | . | . | . | . |
| THORHILD COUNTY #7 | COUNTY OF THORHILD #7 | 3,077 | 16 | 116,782 | 5.2 | 37.95 | 197 | 3,462,855 | 6.4 | 112.54 |
| | THORHILD | 486 | 1 | 41,812 | 2.1 | 86.03 | 8 | 185,712 | 1.6 | 38.21 |
| FORTY MILE COUNTY #8 | COUNTY OF FORTY MILE #8 | 3,230 | 22 | 422,406 | 6.8 | 130.78 | 178 | 3,310,106 | 5.5 | 102.48 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000
and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | FOREMOST | 556 | 1 | 2,000 | 1.8 | 3.60 | 3 | 108,300 | 0.5 | 19.48 |
| | BOW ISLAND | 1,688 | . | . | . | . | 20 | 289,357 | 1.2 | 17.14 |
| | BURDETT | 286 | . | . | . | . | 7 | 25,948 | 2.4 | 9.07 |
| BEAVER COUNTY | BEAVER COUNTY | 5,659 | 23 | 276,475 | 4.1 | 48.86 | 251 | 11,205,677 | 4.4 | 198.02 |
| | RYLEY | 465 | . | . | . | . | 11 | 403,973 | 2.4 | 86.88 |
| | TOFIELD | 1,726 | 1 | 500 | 0.6 | 0.29 | 28 | 644,776 | 1.6 | 37.36 |
| | VIKING | 1,081 | . | . | . | . | 16 | 463,687 | 1.5 | 42.89 |
| | HOLDEN | 397 | . | . | . | . | 4 | 1,173,450 | 1.0 | 295.58 |
| WETASKIWIN COUNTY #10 | COUNTY OF WETASKIWIN #10 | 10,467 | 32 | 1,271,377 | 3.1 | 121.47 | 307 | 9,463,214 | 2.9 | 90.41 |
| | CRYSTAL SPRINGS S.V. | 63 | . | . | . | . | . | . | . | . |
| | MA-ME-O BEACH S.V. | 80 | . | . | . | . | 11 | 375,812 | 13.8 | 469.77 |
| | MILLET | 1,894 | 2 | 1,475 | 1.1 | 0.78 | 29 | 1,132,939 | 1.5 | 59.82 |
| | SILVER BEACH S.V. | 47 | . | . | . | . | 1 | 13,082 | 2.1 | 27.83 |
| | GRANDVIEW S.V. | 64 | . | . | . | . | . | . | . | . |
| | ARGENTIA BEACH S.V. | 12 | . | . | . | . | 1 | 80,000 | 8.3 | 666.67 |
| | POPLAR BAY S.V. | 70 | . | . | . | . | . | . | . | . |
| | NORRIS BEACH S.V. | 23 | 1 | 15,000 | 43.5 | 652.17 | 3 | 28,834 | 13.0 | 125.37 |
| BARRHEAD COUNTY #11 | COUNTY OF BARRHEAD #11 | 5,870 | 27 | 581,337 | 4.6 | 99.04 | 209 | 7,710,357 | 3.6 | 131.35 |
| | BARRHEAD | 4,239 | 5 | 3,664 | 1.2 | 0.86 | 51 | 2,199,256 | 1.2 | 51.88 |
| ATHABASCA COUNTY #12 | COUNTY OF ATHABASCA #12 | 7,415 | 27 | 915,532 | 3.6 | 123.47 | 200 | 7,580,021 | 2.7 | 102.23 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | ATHABASCA | 2,313 | . | . | . | . | 42 | 1,517,781 | 1.8 | 65.62 |
| | BOYLE | 868 | . | . | . | . | 11 | 218,814 | 1.3 | 25.21 |
| | ISLAND LAKE S.V. | 201 | . | . | . | . | 1 | 79,500 | 0.5 | 39.55 |
| | SUNSET BEACH S.V. | 33 | . | . | . | . | 1 | 4,500 | 3.0 | 13.64 |
| | MEWATHA BEACH S.V. | 94 | . | . | . | . | 3 | 3,649 | 3.2 | 3.88 |
| | SOUTH BAPTISTE S.V. | 66 | . | . | . | . | 3 | 101,457 | 4.5 | 153.72 |
| | BONDISS S.V. | 120 | . | . | . | . | 1 | 9,416 | 0.8 | 7.85 |
| | ISLAND LAKE SOUTH S.V. | 71 | . | . | . | . | 2 | 86,320 | 2.8 | 121.58 |
| | WHITE GULL S.V. | 28 | . | . | . | . | 4 | 6,002 | 14.3 | 21.44 |
| | WEST BAPTISTE S.V. | 36 | . | . | . | . | 1 | 81,116 | 2.8 | 225.32 |
| | WHISPERING HILLS S.V. | 79 | . | . | . | . | . | . | . | . |
| SMOKY LAKE COUNTY | SMOKY LAKE COUNTY | 2,857 | 16 | 1,016,481 | 5.6 | 355.79 | 143 | 4,038,081 | 5.0 | 141.34 |
| | SMOKY LAKE | 1,087 | 3 | 31,311 | 2.8 | 28.80 | 19 | 354,936 | 1.7 | 32.65 |
| | VILNA | 302 | . | . | . | . | 5 | 87,783 | 1.7 | 29.07 |
| | WASKATENAU | 260 | . | . | . | . | 4 | 30,600 | 1.5 | 11.77 |
| | BUFFALO LAKE METIS SETTLEMENT | 809 | . | . | . | . | 3 | 317,400 | 0.4 | 39.23 |
| | KIKINO METIS SETTLEMENT | 927 | . | . | . | . | 1 | 1,500 | 0.1 | 0.16 |
| LACOMBE COUNTY | LACOMBE COUNTY | 10,081 | 55 | 2,128,475 | 5.5 | 211.14 | 444 | 9,736,825 | 4.4 | 96.59 |
| | LACOMBE | 9,128 | 17 | 166,695 | 1.9 | 18.26 | 125 | 2,184,281 | 1.4 | 23.93 |
| | ALIX | 775 | 1 | 5,900 | 1.3 | 7.61 | 13 | 218,996 | 1.7 | 28.26 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000
and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | BENTLEY | 1,010 | 3 | 114,707 | 3.0 | 113.57 | 24 | 271,966 | 2.4 | 26.93 |
| | BLACKFALDS | 2,001 | 2 | 273,160 | 1.0 | 136.51 | 31 | 705,161 | 1.5 | 35.24 |
| | CLIVE | 517 | 1 | 2,000 | 1.9 | 3.87 | 6 | 336,101 | 1.2 | 65.01 |
| | ECKVILLE | 914 | 1 | 1 | 1.1 | 0.00 | 20 | 839,952 | 2.2 | 91.90 |
| | GULL LAKE S.V. | 149 | . | . | . | . | 9 | 206,963 | 6.0 | 138.90 |
| | MIRROR | 487 | 3 | 115,312 | 6.2 | 236.78 | 10 | 226,519 | 2.1 | 46.51 |
| | BIRCHCLIFF S.V. | 102 | . | . | . | . | . | . | . | . |
| | HALF MOON BAY S.V. | 53 | . | . | . | . | 1 | 598 | 1.9 | 1.13 |
| | SUNBREAKER COVE S.V. | 86 | . | . | . | . | 3 | 95,745 | 3.5 | 111.33 |
| WHEATLAND COUNTY | WHEATLAND COUNTY | 7,240 | 22 | 224,882 | 3.0 | 31.06 | 261 | 6,234,272 | 3.6 | 86.11 |
| | STRATHMORE | 7,165 | 19 | 167,318 | 2.7 | 23.35 | 88 | 1,084,667 | 1.2 | 15.14 |
| | HUSSAR | 157 | . | . | . | . | 2 | 4,500 | 1.3 | 2.87 |
| | ROCKYFORD | 346 | 3 | 57,857 | 8.7 | 167.22 | 9 | 161,073 | 2.6 | 46.55 |
| | STANDARD | 366 | 1 | 3,500 | 2.7 | 9.56 | 8 | 30,223 | 2.2 | 8.26 |
| MOUNTAIN VIEW COUNTY | MOUNTAIN VIEW COUNTY | 11,277 | 80 | 1,095,211 | 7.1 | 97.12 | 673 | 13,506,551 | 6.0 | 119.77 |
| | DIDSBURY | 3,782 | 7 | 316,666 | 1.9 | 83.73 | 60 | 757,335 | 1.6 | 20.02 |
| | OLDS | 6,230 | 5 | 145,144 | 0.8 | 23.30 | 135 | 1,533,862 | 2.2 | 24.62 |
| | SUNDRE | 2,190 | 1 | 4,000 | 0.5 | 1.83 | 42 | 1,003,387 | 1.9 | 45.82 |
| | CARSTAIRS | 2,086 | 1 | 10,000 | 0.5 | 4.79 | 21 | 464,965 | 1.0 | 22.29 |
| | CREMONA | 380 | 5 | 43,280 | 13.2 | 113.89 | 8 | 47,970 | 2.1 | 12.62 |
| PAINTEARTH COUNTY #18 | COUNTY OF PAINTEARTH #18 | 2,316 | 22 | 228,790 | 9.5 | 98.79 | 120 | 2,093,701 | 5.2 | 90.40 |
| | CASTOR | 970 | 2 | 26,114 | 2.1 | 26.92 | 13 | 184,288 | 1.3 | 19.00 |
| | CORONATION | 1,166 | 2 | 4,300 | 1.7 | 3.69 | 24 | 740,435 | 2.1 | 63.50 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | HALKIRK | 131 | . | . | . | . | 7 | 5,902 | 5.3 | 4.51 |
| ST. PAUL COUNTY #19 | COUNTY OF ST. PAUL #19 | 6,335 | 26 | 522,764 | 4.1 | 82.52 | 290 | 6,154,143 | 4.6 | 97.15 |
| | ST. PAUL | 4,970 | 16 | 44,881 | 3.2 | 9.03 | 110 | 1,218,182 | 2.2 | 24.51 |
| | ELK POINT | 1,492 | 1 | 5,516 | 0.7 | 3.70 | 18 | 809,436 | 1.2 | 54.25 |
| | HORSESHOE BAY S.V. | 39 | . | . | . | . | 3 | 31,501 | 7.7 | 80.77 |
| TWO HILLS COUNTY #21 | COUNTY OF TWO HILLS #21 | 2,753 | 10 | 186,925 | 3.6 | 67.90 | 155 | 2,325,500 | 5.6 | 84.47 |
| | TWO HILLS | 1,040 | . | . | . | . | 10 | 734,672 | 1.0 | 70.64 |
| | DERWENT | 110 | . | . | . | . | 1 | 20,629 | 0.9 | 18.75 |
| | MYRNAM | 294 | 2 | 16,018 | 6.8 | 54.48 | 4 | 444,338 | 1.4 | 151.14 |
| | WILLINGDON | 309 | . | . | . | . | 6 | 53,679 | 1.9 | 17.37 |
| CAMROSE COUNTY #22 | COUNTY OF CAMROSE #22 | 7,613 | 35 | 618,165 | 4.6 | 81.20 | 355 | 5,860,560 | 4.7 | 76.98 |
| | BASHAW | 775 | . | . | . | . | 10 | 194,581 | 1.3 | 25.11 |
| | BAWLF | 364 | . | . | . | . | 2 | 5,700 | 0.5 | 1.57 |
| | BITTERN LAKE | 193 | . | . | . | . | 1 | 2,000 | 0.5 | 1.04 |
| | EDBERG | 137 | . | . | . | . | 2 | 198,750 | 1.5 | 145.07 |
| | FERINTOSH | 149 | . | . | . | . | 2 | 133,000 | 1.3 | 89.26 |
| | HAY LAKES | 352 | 1 | 1 | 2.8 | 0.00 | 4 | 27,766 | 1.1 | 7.89 |
| | NEW NORWAY | 270 | 1 | 12,999 | 3.7 | 48.14 | 3 | 17,125 | 1.1 | 6.34 |
| | ROSALIND | 195 | . | . | . | . | . | . | . | . |
| RED DEER COUNTY | RED DEER COUNTY | 17,126 | 103 | 3,347,371 | 6.0 | 195.46 | 633 | 13,763,715 | 3.7 | 80.37 |
| | INNISFAIL | 6,789 | 5 | 40,271 | 0.7 | 5.93 | 68 | 641,253 | 1.0 | 9.45 |
| | SYLVAN LAKE | 7,008 | 8 | 230,501 | 1.1 | 32.89 | 56 | 1,381,787 | 0.8 | 19.72 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | BOWDEN | 1,014 | 1 | 3,500 | 1.0 | 3.45 | 14 | 169,216 | 1.4 | 16.69 |
| | DELBURNE | 661 | . | . | . | . | 9 | 938,409 | 1.4 | 141.97 |
| | ELNORA | 302 | . | . | . | . | 4 | 102,925 | 1.3 | 34.08 |
| | PENHOLD | 1,625 | 3 | 75,708 | 1.8 | 46.59 | 29 | 322,464 | 1.8 | 19.84 |
| | NORGLEWOLD S.V. | 281 | . | . | . | . | 1 | 1,500 | 0.4 | 0.53 |
| | JARVIS BAY S.V. | 83 | . | . | . | . | . | . | . | . |
| VERMILION RIVER COUNTY #24 | COUNTY OF VERMILION RIVER #24 | 7,553 | 50 | 1,291,848 | 6.6 | 171.04 | 351 | 8,663,039 | 4.6 | 114.70 |
| | KITSCOTY | 672 | 1 | 550,000 | 1.5 | 818.45 | 9 | 671,072 | 1.3 | 99.86 |
| | VERMILION | 4,356 | 9 | 155,250 | 2.1 | 35.64 | 69 | 925,237 | 1.6 | 21.24 |
| | DEWBERRY | 185 | . | . | . | . | 1 | 600 | 0.5 | 0.32 |
| | MARWAYNE | 449 | . | . | . | . | 8 | 393,583 | 1.8 | 87.66 |
| | PARADISE VALLEY | 155 | . | . | . | . | 3 | 1,354,800 | 1.9 | 874.06 |
| LEDUC COUNTY | LEDUC COUNTY | 12,361 | 72 | 1,576,891 | 5.8 | 127.57 | 634 | 12,943,767 | 5.1 | 104.71 |
| | CALMAR | 1,797 | 4 | 112,500 | 2.2 | 62.60 | 49 | 1,324,717 | 2.7 | 73.72 |
| | DEVON | 4,808 | 14 | 289,454 | 2.9 | 60.20 | 110 | 1,515,121 | 2.3 | 31.51 |
| | NEW SAREPTA | 359 | . | . | . | . | 14 | 611,752 | 3.9 | 170.40 |
| | THORSBY | 725 | 2 | 120,434 | 2.8 | 166.12 | 17 | 922,762 | 2.3 | 127.28 |
| | WARBURG | 549 | 2 | 18,687 | 3.6 | 34.04 | 8 | 716,579 | 1.5 | 130.52 |
| | ITASKA BEACH S.V. | 6 | . | . | . | . | . | . | . | . |
| | GOLDEN DAYS S.V. | 92 | . | . | . | . | . | . | . | . |
| | SUNDANCE BEACH S.V. | 35 | . | . | . | . | . | . | . | . |
| | BEAUMONT | 6,518 | 2 | 191,529 | 0.3 | 29.38 | 49 | 1,378,799 | 0.8 | 21.15 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| LETHBRIDGE COUNTY #26 | COUNTY OF LETHBRIDGE | 9,290 | 59 | 1,021,548 | 6.4 | 109.96 | 471 | 10,557,266 | 5.1 | 113.64 |
| | COALDALE | 5,941 | 8 | 114,620 | 1.3 | 19.29 | 61 | 864,666 | 1.0 | 14.55 |
| | PICTURE BUTTE | 1,669 | 3 | 86,375 | 1.8 | 51.75 | 29 | 1,624,098 | 1.7 | 97.31 |
| | BARONS | 285 | 1 | 1,000 | 3.5 | 3.51 | 7 | 285,501 | 2.5 | 100.18 |
| | NOBLEFORD | 558 | 1 | 2,000 | 1.8 | 3.58 | 3 | 274,515 | 0.5 | 49.20 |
| | COALHURST | 1,465 | 1 | 17,736 | 0.7 | 12.11 | 22 | 110,670 | 1.5 | 7.55 |
| MINBURN COUNTY #27 | COUNTY OF MINBURN #27 | 3,524 | 19 | 133,109 | 5.4 | 37.77 | 201 | 2,085,048 | 5.7 | 59.17 |
| | MINBURN | 95 | . | . | . | . | 3 | 38,450 | 3.2 | 40.47 |
| | MANNVILLE | 758 | 4 | 115,200 | 5.3 | 151.98 | 17 | 683,418 | 2.2 | 90.16 |
| | VEGREVILLE | 5,337 | 12 | 109,386 | 2.2 | 20.50 | 98 | 1,657,765 | 1.8 | 31.06 |
| | INNISFREE | 238 | . | . | . | . | 7 | 49,108 | 2.9 | 20.63 |
| LAC STE. ANNE COUNTY | LAC STE. ANNE COUNTY | 8,737 | 31 | 1,341,853 | 3.5 | 153.58 | 246 | 6,289,453 | 2.8 | 71.99 |
| | ONOWAY | 788 | . | . | . | . | 12 | 229,076 | 1.5 | 29.07 |
| | MAYERTHORPE | 1,669 | 1 | 10,500 | 0.6 | 6.29 | 32 | 1,313,045 | 1.9 | 78.67 |
| | ALBERTA BEACH S.V. | 640 | 1 | 52,575 | 1.6 | 82.15 | 22 | 1,108,257 | 3.4 | 173.17 |
| | CASTLE ISLAND S.V. | 19 | . | . | . | . | 1 | 2,059 | 5.3 | 10.84 |
| | SUNSET POINT S.V. | 125 | . | . | . | . | 2 | 4,350 | 1.6 | 3.48 |
| | SANGUDO | 398 | . | . | . | . | 5 | 87,045 | 1.3 | 21.87 |
| | WEST COVE S.V. | 85 | . | . | . | . | 1 | 800 | 1.2 | 0.94 |
| | YELLOWSTONE S.V. | 97 | . | . | . | . | 1 | 2,100 | 1.0 | 2.16 |
| | ROSS HAVEN S.V. | 108 | . | . | . | . | 3 | 233,000 | 2.8 | 215.74 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000
and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | VAL QUENTIN S.V. | 123 | 1 | 7,500 | 8.1 | 60.98 | 4 | 13,800 | 3.3 | 11.22 |
| | SILVER SANDS S.V. | 105 | . | . | . | . | 1 | 15,000 | 1.0 | 14.29 |
| | NAKAMUN PARK S.V. | 14 | . | . | . | . | . | . | . | . |
| | SOUTH VIEW S.V. | 60 | . | . | . | . | . | . | . | . |
| | BIRCH COVE S.V. | 23 | . | . | . | . | . | . | . | . |
| | SUNRISE BEACH S.V. | 84 | . | . | . | . | 2 | 107,277 | 2.4 | 127.71 |
| | SANDY BEACH S.V. | 171 | . | . | . | . | 2 | 142,001 | 1.2 | 83.04 |
| FLAGSTAFF COUNTY | FLAGSTAFF COUNTY | 4,015 | 25 | 396,557 | 6.2 | 98.77 | 219 | 3,815,498 | 5.5 | 95.03 |
| | SEDGEWICK | 937 | 2 | 13,901 | 2.1 | 14.84 | 9 | 1,110,888 | 1.0 | 118.56 |
| | ALLIANCE | 169 | 2 | 4,567 | 11.8 | 27.02 | 3 | 9,767 | 1.8 | 5.78 |
| | DAYSLAND | 679 | 4 | 148,322 | 5.9 | 218.44 | 11 | 377,893 | 1.6 | 55.65 |
| | HARDISTY | 808 | . | . | . | . | 18 | 540,533 | 2.2 | 66.90 |
| | FORESTBURG | 930 | 5 | 14,500 | 5.4 | 15.59 | 20 | 835,189 | 2.2 | 89.81 |
| | GALAHAD | 175 | . | . | . | . | 5 | 261,949 | 2.9 | 149.69 |
| | HEISLER | 195 | . | . | . | . | 2 | 12,022 | 1.0 | 6.17 |
| | KILLAM | 1,048 | 4 | 206,780 | 3.8 | 197.31 | 15 | 843,238 | 1.4 | 80.46 |
| | LOUGHEED | 253 | . | . | . | . | 6 | 124,320 | 2.4 | 49.14 |
| | STROME | 269 | . | . | . | . | 3 | 99,206 | 1.1 | 36.88 |
| LAMONT COUNTY | LAMONT COUNTY | 4,212 | 55 | 369,573 | 13.1 | 87.74 | 321 | 5,101,428 | 7.6 | 121.12 |
| | LAMONT | 1,581 | 1 | 50,412 | 0.6 | 31.89 | 13 | 3,493,208 | 0.8 | 220.95 |
| | CHIPMAN | 230 | . | . | . | . | 11 | 82,692 | 4.8 | 35.95 |
| | MUNDARE | 653 | . | . | . | . | 10 | 20,568 | 1.5 | 3.15 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | ANDREW | 484 | 2 | 600 | 4.1 | 1.24 | 11 | 213,121 | 2.3 | 44.03 |
| | BRUDERHEIM | 1,198 | . | . | . | . | 19 | 266,569 | 1.6 | 22.25 |
| PARKLAND COUNTY | PARKLAND COUNTY | 24,769 | 67 | 19,428,991 | 2.7 | 784.41 | 612 | 38,790,846 | 2.5 | 156.61 |
| | STONY PLAIN | 8,274 | 4 | 14,354 | 0.5 | 1.73 | 69 | 1,484,647 | 0.8 | 17.94 |
| | BETULA BEACH S.V. | 9 | . | . | . | . | . | . | . | . |
| | SPRING LAKE | 425 | 1 | 188,500 | 2.4 | 443.53 | 5 | 266,519 | 1.2 | 62.71 |
| | ENTWISTLE | 453 | . | . | . | . | 7 | 23,575 | 1.5 | 5.20 |
| | KAPASIWIN S.V. | 15 | . | . | . | . | . | . | . | . |
| | LAKEVIEW S.V. | 15 | . | . | . | . | 2 | 4,001 | 13.3 | 26.67 |
| | POINT ALISON S.V. | 6 | . | . | . | . | . | . | . | . |
| | SEBA BEACH S.V. | 124 | 1 | 6,000 | 8.1 | 48.39 | 6 | 96,926 | 4.8 | 78.17 |
| | WABAMUN | 645 | 1 | 3,439 | 1.6 | 5.33 | 10 | 368,301 | 1.6 | 57.10 |
| LAKELAND COUNTY | LAKELAND COUNTY | 4,823 | 19 | 544,988 | 3.9 | 113.00 | 36 | 1,209,431 | 0.7 | 25.08 |
| | LAC LA BICHE | 2,611 | 3 | 69,700 | 1.1 | 26.69 | 91 | 1,666,433 | 3.5 | 63.82 |
| | PLAMONDON | 336 | . | . | . | . | 17 | 106,192 | 5.1 | 31.60 |
| KNEEHILL COUNTY | KNEEHILL COUNTY | 5,064 | 50 | 933,196 | 9.9 | 184.28 | 315 | 5,172,289 | 6.2 | 102.14 |
| | THREE HILLS | 3,375 | 8 | 123,939 | 2.4 | 36.72 | 78 | 642,806 | 2.3 | 19.05 |
| | ACME | 661 | 2 | 494,038 | 3.0 | 747.41 | 7 | 742,584 | 1.1 | 112.34 |
| | TROCHU | 958 | 1 | 14,018 | 1.0 | 14.63 | 12 | 158,355 | 1.3 | 16.53 |
| | CARBON | 501 | 1 | 2,250 | 2.0 | 4.49 | 9 | 101,667 | 1.8 | 20.29 |
| | LINDEN | 630 | 1 | 161,564 | 1.6 | 256.45 | 7 | 2,397,529 | 1.1 | 380.56 |
| WOODLANDS COUNTY | WOODLANDS COUNTY | 3,699 | 16 | 1,358,980 | 4.3 | 367.39 | 147 | 6,220,100 | 4.0 | 168.16 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | WHITECOURT | 8,008 | 11 | 1,008,769 | 1.4 | 125.97 | 103 | 4,686,353 | 1.3 | 58.52 |
| SADDLE HILLS COUNTY | SADDLE HILLS COUNTY | 2,724 | 8 | 42,672 | 2.9 | 15.67 | 126 | 3,906,550 | 4.6 | 143.41 |
| CARDSTON COUNTY | CARDSTON COUNTY | 4,565 | 24 | 537,296 | 5.3 | 117.70 | 169 | 2,463,260 | 3.7 | 53.96 |
| | CARDSTON | 3,417 | 3 | 8,770 | 0.9 | 2.57 | 33 | 518,333 | 1.0 | 15.17 |
| | MAGRATH | 1,867 | 5 | 101,201 | 2.7 | 54.21 | 43 | 1,311,256 | 2.3 | 70.23 |
| | GLENWOOD | 295 | 4 | 15,860 | 13.6 | 53.76 | 9 | 32,984 | 3.1 | 11.18 |
| | HILLSPRING | 206 | 1 | 80,000 | 4.9 | 388.35 | 3 | 90,460 | 1.5 | 43.91 |
| BIRCH HILLS COUNTY | BIRCH HILLS COUNTY | 1,682 | 7 | 56,952 | 4.2 | 33.86 | 115 | 3,353,275 | 6.8 | 199.36 |
| CYPRESS COUNTY | CYPRESS COUNTY | 6,235 | 36 | 1,075,698 | 5.8 | 172.53 | 340 | 7,643,461 | 5.5 | 122.59 |
| | REDCLIFF | 4,104 | 15 | 120,416 | 3.7 | 29.34 | 131 | 1,520,242 | 3.2 | 37.04 |
| STARLAND COUNTY | STARLAND COUNTY | 2,075 | 13 | 1,036,157 | 6.3 | 499.35 | 88 | 2,123,595 | 4.2 | 102.34 |
| | MORRIN | 275 | . | . | . | . | 7 | 206,707 | 2.5 | 75.17 |
| | DELIA | 208 | . | . | . | . | 2 | 130,000 | 1.0 | 62.50 |
| | MUNSON | 204 | 1 | 3,400 | 4.9 | 16.67 | 4 | 123,658 | 2.0 | 60.62 |
| WESTLOCK COUNTY | WESTLOCK COUNTY | 6,958 | 40 | 738,464 | 5.7 | 106.13 | 306 | 8,189,727 | 4.4 | 117.70 |
| | WESTLOCK | 4,817 | 10 | 115,611 | 2.1 | 24.00 | 77 | 1,457,142 | 1.6 | 30.25 |
| | CLYDE | 427 | 2 | 111,797 | 4.7 | 261.82 | 8 | 618,886 | 1.9 | 144.94 |
| | LARKSPUR S.V | 11 | . | . | . | . | . | . | . | . |
| YELLOWHEAD COUNTY | YELLOWHEAD COUNTY | 10,092 | 38 | 2,585,489 | 3.8 | 256.19 | 423 | 17,778,889 | 4.2 | 176.17 |
| | EDSON | 7,399 | 5 | 280,912 | 0.7 | 37.97 | 106 | 2,702,026 | 1.4 | 36.52 |
| | HINTON | 9,961 | 17 | 178,826 | 1.7 | 17.95 | 161 | 11,433,884 | 1.6 | 114.79 |
| STURGEON COUNTY | STURGEON COUNTY | 17,145 | 91 | 1,705,508 | 5.3 | 99.48 | 606 | 11,612,699 | 3.5 | 67.73 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | MORINVILLE | 6,226 | 7 | 218,054 | 1.1 | 35.02 | 92 | 849,457 | 1.5 | 13.64 |
| | GIBBONS | 2,748 | 3 | 120,001 | 1.1 | 43.67 | 42 | 1,074,481 | 1.5 | 39.10 |
| | BON ACCORD | 1,493 | 2 | 1,001 | 1.3 | 0.67 | 25 | 436,202 | 1.7 | 29.22 |
| | LEGAL | 1,095 | 1 | 700 | 0.9 | 0.64 | 10 | 187,160 | 0.9 | 17.09 |
| | REDWATER | 2,120 | 5 | 24,198 | 2.4 | 11.41 | 29 | 1,057,288 | 1.4 | 49.87 |
| REGIONAL MUNICIPALITY OF WOOD BUFFALO | REGIONAL MUNICIPALITY OF WOOD BUFFALO | 9,250 | 22 | 6,029,339 | 2.4 | 651.82 | 340 | 40,897,120 | 3.7 | 442.13 |
| | FORT MCMURRAY | 42,156 | 68 | 1,318,730 | 1.6 | 31.28 | 875 | 9,190,640 | 2.1 | 21.80 |
| SPECIALIZED MUNICIPALITY OF STRATHCONA COUNTY | STRATHCONA COUNTY | 23,639 | 42 | 979,801 | 1.8 | 41.45 | 705 | 18,996,882 | 3.0 | 80.36 |
| | SHERWOOD PARK | 45,629 | 36 | 206,444 | 0.8 | 4.52 | 507 | 4,341,539 | 1.1 | 9.51 |
| SPECIALIZED MUNICIPALITY OF M.D. OF MACKENZIE #23 | M.D. OF MACKENZIE #23 | 7,980 | 39 | 930,346 | 4.9 | 116.58 | 320 | 9,644,541 | 4.0 | 120.86 |
| | HIGH LEVEL | 3,093 | 17 | 52,203 | 5.5 | 16.88 | 118 | 4,047,643 | 3.8 | 130.86 |
| | RAINBOW LAKE | 1,138 | 2 | 140,712 | 1.8 | 123.65 | 22 | 951,385 | 1.9 | 83.60 |
| TOWN OF DRUMHELLER | TOWN OF DRUMHELLER | 7,833 | 27 | 414,999 | 3.4 | 52.98 | 137 | 2,889,219 | 1.7 | 36.89 |
| M.D. OF PINCHER CREEK #9 | M.D. OF PINCHER CREEK #9 | 3,172 | 7 | 54,472 | 2.2 | 17.17 | 142 | 2,241,026 | 4.5 | 70.65 |
| | PINCHER CREEK | 3,659 | 5 | 57,240 | 1.4 | 15.64 | 76 | 1,089,196 | 2.1 | 29.77 |
| | COWLEY | 273 | . | . | . | . | 14 | 541,666 | 5.1 | 198.41 |
| M.D. OF TABER | M.D. OF TABER | 6,009 | 40 | 376,048 | 6.7 | 62.58 | 266 | 6,340,313 | 4.4 | 105.51 |
| | TABER | 7,331 | 8 | 130,888 | 1.1 | 17.85 | 79 | 2,771,854 | 1.1 | 37.81 |
| | VAUXHALL | 1,011 | 4 | 23,514 | 4.0 | 23.26 | 18 | 367,122 | 1.8 | 36.31 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | BARNWELL | 552 | . | . | | . | 4 | 10,023 | 0.7 | 1.82 |
| M.D. OF WILLOW CREEK #26 | M.D. OF WILLOW CREEK #26 | 5,091 | 21 | 1,171,740 | 4.1 | 230.16 | 324 | 7,979,648 | 6.4 | 156.74 |
| | STAVELY | 513 | . | . | . | . | 8 | 227,329 | 1.6 | 44.31 |
| | NANTON | 1,923 | 1 | 6,825 | 0.5 | 3.55 | 32 | 156,448 | 1.7 | 8.14 |
| | CLARESHOLM | 3,427 | 5 | 107,200 | 1.5 | 31.28 | 58 | 377,782 | 1.7 | 11.02 |
| | FT. MACLEOD | 3,034 | 12 | 89,055 | 4.0 | 29.35 | 57 | 1,668,685 | 1.9 | 55.00 |
| | GRANUM | 379 | . | . | . | . | 2 | 7,278 | 0.5 | 1.92 |
| M.D. OF FOOTHILLS #31 | M.D. OF FOOTHILLS #31 | 16,122 | 71 | 1,321,787 | 4.4 | 81.99 | 535 | 10,497,087 | 3.3 | 65.11 |
| | HIGH RIVER | 8,554 | 10 | 83,843 | 1.2 | 9.80 | 86 | 6,947,785 | 1.0 | 81.22 |
| | BLACK DIAMOND | 1,857 | 1 | 110,191 | 0.5 | 59.34 | 28 | 458,796 | 1.5 | 24.71 |
| | OKOTOKS | 9,953 | 15 | 28,078 | 1.5 | 2.82 | 161 | 1,344,001 | 1.6 | 13.50 |
| | TURNER VALLEY | 1,575 | 1 | 11,400 | 0.6 | 7.24 | 26 | 340,419 | 1.7 | 21.61 |
| | LONGVIEW | 303 | 1 | 23,335 | 3.3 | 77.01 | 2 | 24,257 | 0.7 | 8.01 |
| M.D. OF ACADIA #34 | M.D. OF ACADIA #34 | 533 | 3 | 31,800 | 5.6 | 59.66 | 23 | 340,872 | 4.3 | 63.95 |
| M.D. OF ROCKY VIEW #44 | M.D. OF ROCKY VIEW #44 | 29,582 | 94 | 1,218,960 | 3.2 | 41.21 | 1005 | 21,198,334 | 3.4 | 71.66 |
| | BEISEKER | 795 | 4 | 197,116 | 5.0 | 247.94 | 13 | 785,282 | 1.6 | 98.78 |
| | COCHRANE | 11,173 | 19 | 727,935 | 1.7 | 65.15 | 186 | 2,282,337 | 1.7 | 20.43 |
| | CROSSFIELD | 2,003 | 1 | 1,000 | 0.5 | 0.50 | 13 | 2,462,188 | 0.6 | 122.93 |
| | IRRICANA | 1,016 | . | . | . | . | 11 | 178,032 | 1.1 | 17.52 |
| | CHESTERMERE | 3,558 | 4 | 311,375 | 1.1 | 87.51 | 17 | 427,006 | 0.5 | 12.00 |
| M.D. OF PROVOST #52 | M.D. OF PROVOST #52 | 2,705 | 4 | 164,703 | 1.5 | 60.89 | 150 | 3,401,650 | 5.5 | 125.75 |
| | PROVOST | 2,045 | 6 | 440,631 | 2.9 | 215.47 | 28 | 2,721,507 | 1.4 | 133.08 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | AMISK | 214 | 1 | 3,000 | 4.7 | 14.02 | 6 | 23,906 | 2.8 | 11.17 |
| | CZAR | 199 | 1 | 60,000 | 5.0 | 301.51 | 3 | 146,386 | 1.5 | 73.56 |
| | HUGHENDEN | 302 | . | . | . | . | 2 | 3,834 | 0.7 | 1.27 |
| M.D. OF WAINWRIGHT #61 | M.D. OF WAINWRIGHT #61 | 4,044 | 18 | 2,013,521 | 4.5 | 497.90 | 203 | 7,087,136 | 5.0 | 175.25 |
| | WAINWRIGHT | 5,219 | 7 | 368,820 | 1.3 | 70.67 | 81 | 3,359,795 | 1.6 | 64.38 |
| | IRMA | 472 | . | . | . | . | 11 | 792,491 | 2.3 | 167.90 |
| | CHAUVIN | 400 | 1 | 45,790 | 2.5 | 114.48 | 9 | 245,530 | 2.3 | 61.38 |
| | EDGERTON | 372 | 1 | 105,000 | 2.7 | 282.26 | 4 | 149,800 | 1.1 | 40.27 |
| M.D. OF BONNYVILLE #87 | M.D. OF BONNYVILLE #87 | 8,069 | 35 | 524,233 | 4.3 | 64.97 | 413 | 8,143,404 | 5.1 | 100.92 |
| | BONNYVILLE | 5,397 | 15 | 202,446 | 2.8 | 37.51 | 125 | 2,722,731 | 2.3 | 50.45 |
| | COLD LAKE | 12,128 | 18 | 118,182 | 1.5 | 9.74 | 125 | 1,775,817 | 1.0 | 14.64 |
| | BONNYVILLE BEACH S.V. | 64 | . | . | . | . | 1 | 2,000 | 1.6 | 3.13 |
| | GLENDON | 418 | . | . | . | . | 2 | 93,378 | 0.5 | 22.34 |
| | PELICAN NARROWS S.V. | 106 | . | . | . | . | . | . | . | . |
| | ELIZABETH METIS SETTLEMENT | 622 | . | . | . | . | 3 | 90,794 | 0.5 | 14.60 |
| | FISHING LAKE METIS SETTLEMENT | 499 | 1 | 61,307 | 2.0 | 122.86 | 5 | 108,907 | 1.0 | 21.83 |
| M.D. OF SMOKY RIVER #130 | M.D. OF SMOKY RIVER #130 | 2,491 | 18 | 475,298 | 7.2 | 190.81 | 210 | 4,769,926 | 8.4 | 191.49 |
| | FALHER | 1,149 | 3 | 99,616 | 2.6 | 86.70 | 57 | 2,127,769 | 5.0 | 185.18 |
| | GIROUXVILLE | 332 | 1 | 158,250 | 3.0 | 476.66 | 10 | 600,684 | 3.0 | 180.93 |
| | MCLENNAN | 957 | 1 | 351,407 | 1.0 | 367.20 | 33 | 1,338,810 | 3.4 | 139.90 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000
and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | DONNELLY | 403 | 1 | 169,250 | 2.5 | 419.98 | 6 | 192,929 | 1.5 | 47.87 |
| M.D. OF SPIRIT RIVER #133 | M.D. OF SPIRIT RIVER #133 | 809 | 13 | 847,291 | 16.1 | 1047.33 | 107 | 3,780,656 | 13.2 | 467.32 |
| | SPIRIT RIVER | 1,112 | 2 | 1,501 | 1.8 | 1.35 | 22 | 248,154 | 2.0 | 22.32 |
| | RYCROFT | 667 | 1 | 1,400 | 1.5 | 2.10 | 16 | 1,185,753 | 2.4 | 177.77 |
| M.D. OF PEACE #135 | M.D. OF PEACE #135 | 1,562 | 6 | 196,148 | 3.8 | 125.57 | 124 | 1,659,369 | 7.9 | 106.23 |
| | BERWYN | 606 | 2 | 42,001 | 3.3 | 69.31 | 11 | 309,865 | 1.8 | 51.13 |
| | GRIMSHAW | 2,661 | 15 | 45,171 | 5.6 | 16.98 | 59 | 1,119,890 | 2.2 | 42.09 |
| M.D. OF FAIRVIEW #136 | M.D. OF FAIRVIEW #136 | 1,829 | 16 | 157,693 | 8.7 | 86.22 | 192 | 4,644,751 | 10.5 | 253.95 |
| | FAIRVIEW | 3,316 | 5 | 38,017 | 1.5 | 11.46 | 109 | 3,852,872 | 3.3 | 116.19 |
| M.D. OF CLEARWATER #99 | M.D. OF CLEARWATER #99 | 10,915 | 53 | 2,330,619 | 4.9 | 213.52 | 362 | 13,333,329 | 3.3 | 122.16 |
| | ROCKY MOUNTAIN HOUSE | 6,062 | 10 | 313,571 | 1.6 | 51.73 | 145 | 7,092,695 | 2.4 | 117.00 |
| | CAROLINE | 472 | . | . | . | . | 4 | 232,297 | 0.8 | 49.22 |
| | BURNSTICK LAKE S.V. | 7 | . | . | . | . | . | . | . | . |
| M.D. OF BIGHORN #8 | M.D. OF BIGHORN #8 | 1,269 | 7 | 146,610 | 5.5 | 115.53 | 79 | 1,963,211 | 6.2 | 154.71 |
| | GHOST LAKE S.V. | 63 | . | . | . | . | 3 | 12,917 | 4.8 | 20.50 |
| | CANMORE | 10,517 | 9 | 1,314,268 | 0.9 | 124.97 | 109 | 8,736,486 | 1.0 | 83.07 |
| | WAIPAROUS S.V. | 47 | . | . | . | . | . | . | . | . |
| M.D. OF BRAZEAU #77 | M.D. OF BRAZEAU #77 | 6,589 | 20 | 957,470 | 3.0 | 145.31 | 195 | 8,326,456 | 3.0 | 126.37 |
| | DRAYTON VALLEY | 5,883 | 20 | 356,204 | 3.4 | 60.55 | 113 | 1,983,912 | 1.9 | 33.72 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $- Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | BRETON | 521 | 1 | 65,000 | 1.9 | 124.76 | 18 | 544,613 | 3.5 | 104.53 |
| M.D. OF EAST PEACE #131 | M.D. OF EAST PEACE #131 | 2,552 | 14 | 117,725 | 5.5 | 46.13 | 86 | 1,921,568 | 3.4 | 75.30 |
| | PEACE RIVER | 6,536 | 10 | 161,340 | 1.5 | 24.68 | 181 | 4,231,669 | 2.8 | 64.74 |
| | NAMPA | 427 | . | . | . | . | 17 | 3,646,447 | 4.0 | 853.97 |
| M.D. OF GREENVIEW #16 | MD. OF GREENVIEW #16 | 5,516 | 25 | 1,161,755 | 4.5 | 210.62 | 284 | 12,561,547 | 5.1 | 227.73 |
| | VALLEYVIEW | 1,944 | 2 | 68,921 | 1.0 | 35.45 | 55 | 1,207,401 | 2.8 | 62.11 |
| | FOX CREEK | 2,321 | 7 | 86,818 | 3.0 | 37.41 | 28 | 855,409 | 1.2 | 36.86 |
| | GRANDE CACHE | 4,441 | 1 | 268,627 | 0.2 | 60.49 | 33 | 1,808,757 | 0.7 | 40.73 |
| M.D. OF BIG LAKES | M.D. OF BIG LAKES | 4,479 | 24 | 1,291,013 | 5.4 | 288.24 | 98 | 5,025,350 | 2.2 | 112.20 |
| | HIGH PRAIRIE | 2,907 | 3 | 14,490 | 1.0 | 4.98 | 65 | 6,567,877 | 2.2 | 225.93 |
| | SWAN HILLS | 2,030 | 3 | 449,500 | 1.5 | 221.43 | 20 | 1,978,335 | 1.0 | 97.45 |
| | KINUSO | 258 | 1 | 1,000 | 3.9 | 3.88 | 6 | 321,550 | 2.3 | 124.63 |
| | EAST PRAIRIE METIS SETTLEMENT | 401 | . | . | . | . | . | . | . | . |
| | GIFT LAKE METIS SETTLEMENT | 771 | . | . | . | . | 2 | 40,561 | 0.3 | 5.26 |
| | PEAVINE METIS SETTLEMENT | 566 | . | . | . | . | 1 | 40,000 | 0.2 | 7.07 |
| M.D. OF CLEAR HILLS #21 | M.D. OF CLEAR HILLS #21 | 2,886 | 16 | 769,977 | 5.5 | 266.80 | 211 | 4,721,207 | 7.3 | 163.59 |
| | HINES CREEK | 437 | . | . | . | . | 16 | 1,382,808 | 3.7 | 316.43 |
| M.D. OF RANCHLAND #66 | M.D. OF RANCHLAND #66 | 108 | 1 | 5,582 | 9.3 | 51.69 | 5 | 29,180 | 4.6 | 27.02 |
| | CROWSNEST PASS | 6,356 | 12 | 162,285 | 1.9 | 25.53 | 97 | 1,704,992 | 1.5 | 26.82 |

(continued)

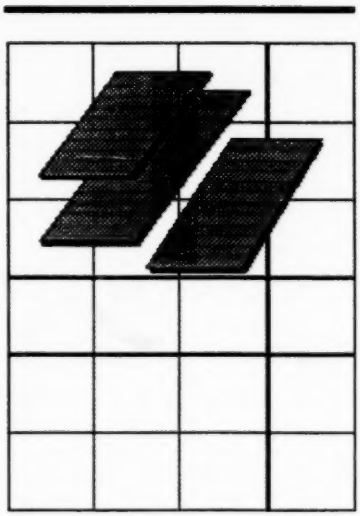
➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $-Losses | 2000 Fire Rate | 2000 Per Capita $-Loss | 10 - Year Fire Count | 10 - Year $-Losses | 10 - Year Fire Rate | 10 - Year Per Capita $-Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| M.D. OF NORTHERN LIGHTS #22 | M.D. OF NORTHERN LIGHTS #22 | 3,880 | 29 | 822,614 | 7.5 | 212.01 | 288 | 10,481,652 | 7.4 | 270.15 |
| | MANNING | 1,295 | 5 | 139,088 | 3.9 | 107.40 | 39 | 1,074,764 | 3.0 | 82.99 |
| | PADDLE PRAIRIE METIS SETTLEMENT | 699 | 1 | 89,500 | 1.4 | 128.04 | 6 | 335,458 | 0.9 | 47.99 |
| M.D. OF LESSER SLAVE RIVER #124 | M.D. OF LESSER SLAVE RIVER #124 | 2,716 | 8 | 213,347 | 2.9 | 78.55 | 65 | 3,100,354 | 2.4 | 114.15 |
| | SLAVE LAKE | 6,553 | 5 | 392,686 | 0.8 | 59.92 | 67 | 2,483,560 | 1.0 | 37.90 |
| M.D. OF OPPORTUNITY #17 | M.D. OF OPPORTUNITY #17 | 3,690 | 6 | 151,298 | 1.6 | 41.00 | 356 | 14,642,444 | 9.6 | 396.81 |
| I.D. 4, WATERTON | I.D. #4, WATERTON | 279 | 1 | 10,000 | 3.6 | 35.84 | 3 | 194,096 | 1.1 | 69.57 |
| KANANASKIS IMPROVEMENT DISTRICT | KANANASKIS IMPROVEMENT DISTRICT | 665 | 3 | 7,135 | 4.5 | 10.73 | 67 | 497,664 | 10.1 | 74.84 |
| I.D. 9, BANFF | I.D. #9, BANFF | 1,305 | 2 | 90,500 | 1.5 | 69.35 | 32 | 4,805,440 | 2.5 | 368.23 |
| | BANFF | 7,716 | 5 | 11,490 | 0.6 | 1.49 | 51 | 1,645,799 | 0.7 | 21.33 |
| I.D. 12, JASPER | I.D. #12, JASPER PARK | 77 | . | . | . | . | 19 | 507,737 | 24.7 | 659.40 |
| | JASPER | 4,691 | 12 | 1,492,162 | 2.6 | 318.09 | 73 | 5,089,150 | 1.6 | 108.49 |
| I.D. 13, ELK ISLAND | I.D. #13, ELK ISLAND | 10 | . | . | . | . | 2 | 2,754 | 20.0 | 27.54 |
| I.D. 24, WOOD BUFFALO | I.D. #24, WOOD BUFFALO | 370 | . | . | . | . | 2 | 15,000 | 0.5 | 4.05 |
| INDIAN RESERVES | INDIAN RESERVES | 48,810 | 146 | 4,064,792 | 3.0 | 83.28 | 1001 | 30,510,747 | 2.1 | 62.51 |
| SPECIAL AREAS- 2,3,4 | SPECIAL AREAS- 2,3,4 | 5,756 | 5 | 579,152 | 0.9 | 100.62 | 89 | 2,121,132 | 1.5 | 36.85 |
| | HANNA | 3,001 | 8 | 217,945 | 2.7 | 72.62 | 42 | 1,892,208 | 1.4 | 63.05 |
| | EMPRESS | 186 | . | . | . | . | . | . | . | . |
| | CEREAL | 188 | . | . | . | . | 2 | 63,211 | 1.1 | 33.62 |

(continued)

➤ Municipal Fire Loss for the Year Ending December 31, 2000 and for the 10 - Year Period 1991 - 2000

| Municipality | | 2000 Population | 2000 Fire Count | 2000 $- Losses | 2000 Fire Rate | 2000 Per Capita $- Loss | 10 - Year Fire Count | 10 - Year $- Losses | 10 - Year Fire Rate | 10 - Year Per Capita $- Loss |
|---|---|---|---|---|---|---|---|---|---|---|
| | OYEN | 1,078 | 2 | 38,033 | 1.9 | 35.28 | 17 | 882,234 | 1.6 | 81.84 |
| | YOUNGSTOWN | 239 | . | . | . | . | 8 | 35,674 | 3.3 | 14.93 |
| | VETERAN | 317 | . | . | . | . | 6 | 78,265 | 1.9 | 24.69 |
| | CONSORT | 696 | 3 | 37,408 | 4.3 | 53.75 | 8 | 82,463 | 1.1 | 11.85 |
| CITIES | CITY OF CALGARY | 860,749 | 1572 | 18,894,847 | 1.8 | 21.95 | 18528 | 187,320,176 | 2.2 | 21.76 |
| | CITY OF CAMROSE | 14,290 | 13 | 21,902 | 0.9 | 1.53 | 193 | 2,082,189 | 1.4 | 14.57 |
| | CITY OF EDMONTON | 648,284 | 1119 | 22,461,546 | 1.7 | 34.65 | 12923 | 163,920,992 | 2.0 | 25.29 |
| | CITY OF GRANDE PRAIRIE | 35,962 | 135 | 2,066,210 | 3.8 | 57.46 | 1243 | 13,067,676 | 3.5 | 36.34 |
| | CITY OF LETHBRIDGE | 68,712 | 93 | 3,373,218 | 1.4 | 49.09 | 1730 | 11,343,234 | 2.5 | 16.51 |
| | CITY OF LLOYDMINSTER | 11,317 | 25 | 50,210 | 2.2 | 4.44 | 229 | 4,453,521 | 2.0 | 39.35 |
| | CITY OF MEDICINE HAT | 50,152 | 108 | 1,274,090 | 2.2 | 25.40 | 994 | 14,818,402 | 2.0 | 29.55 |
| | CITY OF RED DEER | 65,701 | 81 | 2,681,850 | 1.2 | 40.82 | 1039 | 14,994,588 | 1.6 | 22.82 |
| | CITY OF WETASKIWIN | 10,959 | 18 | 388,189 | 1.6 | 35.42 | 133 | 4,898,473 | 1.2 | 44.70 |
| | CITY OF ST. ALBERT | 51,716 | 92 | 1,017,341 | 1.8 | 19.67 | 569 | 6,122,227 | 1.1 | 11.84 |
| | CITY OF LEDUC | 14,540 | 16 | 427,026 | 1.1 | 29.37 | 163 | 3,155,009 | 1.1 | 21.70 |
| | CITY OF AIRDRIE | 19,165 | 23 | 479,159 | 1.2 | 25.00 | 199 | 5,056,573 | 1.0 | 26.38 |
| | CITY OF FT. SASKATCHEWAN | 13,346 | 20 | 252,028 | 1.5 | 18.88 | 266 | 5,155,784 | 2.0 | 38.63 |
| | CITY OF SPRUCE GROVE | 15,069 | 18 | 639,780 | 1.2 | 42.46 | 223 | 3,772,315 | 1.5 | 25.03 |



# Glossary

# GLOSSARY

## ACT OR OMISSION

The human element by which someone has done something (an act) or failed to do something (an omission). The act or omission indicates whether the fire was deliberate, neglectful or accidental.

**Incendiary or Set Fires**: includes arson, suspected incendiarism, riot, mischief or vandalism.

**Misuse of Source of Ignition**: includes disposal of smoker's material, thawing, inadequate control of an open fire, children playing with source of ignition, welding or cutting too close to combustible material or torch too close to combustible material.

**Misuse of Material Ignited**: includes fuel spilled accidentally, improper fuelling technique, cleaning or washing parts, improper container, overheated cooking oil, combustible placed too close to heat, and improper storage.

**Mechanical and Electrical Failure or Malfunction**: includes part failure, automatic or manual control failure, electrical short circuit and part worn out.

**Construction, Design or Installation Deficiency**: includes construction or design deficiency, installation too close to a combustible, other installation deficiency or over fusing.

**Misuse of Equipment**: overfuelling, includes any misuse of equipment or tools.

**Human Failing**: includes person asleep, temporary loss of judgement, physical disability, panic, influence of alcohol or drugs and ignorance of hazard.

## AREA OF ORIGIN

The area of a building or vehicle where the fire started.

**Means of Egress**: the area allowing an individual transit or a way of going out. Includes hallway, stairway, escalator, lobby and elevator.

**Assembly, Sales Area**: areas where groups of people gather. Includes theatre, arena, lounge, living room, sales or show room, library, museum and sports facility.

**Function Area**: the area where a mode of action or activity is undertaken. Includes sleeping area, dining area, bar, washroom, office, laboratory, printing and photographic reproduction area, kitchen, laundry room, operating room, performance area and manufacturing area.

**Storage Area**: the area inside a building where items are stored. Includes product storage area, closet, equipment area, records storage area, shipping and receiving area, trash and rubbish area, vehicle garage and agricultural product storage area.

**Service Facilities**: conveyance items such as dumbwaiters, service shafts, laundry and garbage chutes, heating and cooking ducts and chimneys or gas vents.

**Structural Area**: includes crawl space, balcony, ceiling and floor assembly, wall assembly, exterior wall or exterior roof and awning or canopy.

**Vehicle Area**: includes engine area, fuel area, control area, passenger area and cargo area.

**Outside Area**: includes open area such as lawn, field or park, court, patio, parking area, outdoor storage area and trash or rubbish area.

## DEATH

A person killed accidentally as a direct result of a fire or a person who dies from a fire injury within one year following the date on which the injury was sustained.

**Fire Death**: refers to a person who died as a direct result of a fire, either by smoke inhalation or burns.

**Death Involving Fire**: refers to a person who was in a place where fire occurred, but who may have died from a cause other than the fire itself (e.g. a person who dies in an automobile accident where the vehicle subsequently catches fire prior to death, a suicide by burning or asphyxia, an incendiary fire set for the specific reason of killing).

## FUEL OR ENERGY

Is the fuel associated with the source of ignition. Includes coal, wood, fuel oil, gasoline, natural gas or other fuel gases, smoker's material, electricity, lightning or exposures.

## IGNITION SCENARIO

The combination of three components: the source of ignition, material first ignited and act or omission: in the chain of events that lead to a fire.

A small number of ignition scenarios recur in the ignition of fires that account for the majority of fire incidents. Identification of these helps locate problems more specifically for the design of appropriate prevention strategies.

## INJURIES

A person accidentally injured as a direct result of a fire (a member of the fire department accidentally injured while in the process of fighting a fire or injured as a result of an accident while en route to or returning from the scene of an actual fire is considered a fire action injury).

**Minor Injury**: an injury that does not require hospitalization of over a 24-hour period or absence from work of not more than one full day.

**Light Injury**: an injury that required admission to a hospital of over 24 hours up to 48 hours and/or absence from work for a period of two to fifteen days.

**Serious Injury**: an injury that required admission to a hospital for a period of more than 48 hours and/or an absence from work for a period exceeding fifteen days.

## MATERIAL FIRST IGNITED

The actual material that ignites and creates the fire condition.

**Structural Components, Finish Materials**: includes roof covering, wall covering, floor covering, structural component, ceiling covering and insulation.

**Furniture, Furnishings**: includes furniture, ironing board, mattress, bedding, drapery and broom, mop or brush.

**Clothing, Textiles**: includes clothing, fabric, fur and tarpaulin.

**Wood, Paper Products**: includes wood, wood shavings, paper, cardboard and paper stock.

**Flammable Liquids**: includes gasoline, fuel oil, flammable liquids, paint, varnish, tar, asphalt, polish and wax.

**Flammable Gases**: includes natural gas, propane, anaesthetic gas, acetylene and hydrogen.

**Chemicals**: includes starch, flour, cellulose nitrate, plastic, oxidizing material, magnesium and alloys, titanium, natural or synthetic rubber and ammonium nitrate.

**Agricultural, Forestry Products**: includes fibres, grains, hay, trees, felled timber, grass, fertilizer and manure.

**Miscellaneous**: includes coal, garbage, trash, oily rags and artificial trees.

## PROPERTY CLASSIFICATION

The principal use or occupancy of the building.

**Assembly**: property for the gathering of persons for civic, political, travel, religious, social, educational or recreational purposes. Includes theatres, amusement or recreation places, schools, colleges, universities, churches, social or sport clubs, libraries and museums, eating establishments and passenger terminals.

**Institutional**: property for medical treatment, or care of persons suffering from illness, disease or infirmity, for the care of infants, convalescents or aged persons and for penal or corrective purposes. Includes prisons, jails, reformatories, homes for the aged, children's hospitals, hospitals and clinics.

**Residential**: property in which sleeping accommodation is provided for normal residential purposes. Includes one and two family dwellings, apartments, rooming or boarding houses, hotels, motels, dormitories and mobile homes.

**Business and Personal Service**: property for conducting business. Includes offices, personal services such as hairdressing and data processing or storage facilities.

**Mercantile**: property used for the display and sale of merchandise. Includes food and beverage sales, textile and clothing sales, furniture and appliance sales, books and specialty sales, recreational and hobby supply sales, repair shops, laundries, vehicle and boat sales and department or variety stores.

**Industrial Manufacturing Properties**: property where raw materials are transformed into new products and where the component parts of manufactured products are assembled. Includes chemical, petroleum, paint and plastic manufacturing; wood, furniture, and paper manufacturing; metal product and electrical equipment manufacturing; food processing; beverage, tobacco, soap and margarine manufacturing; textile manufacturing; footwear and wearing apparel manufacturing; and vehicle and related equipment manufacturing.

**Storage Properties**: property used primarily for the storage or sheltering of goods, merchandise, products, vehicles, or animals. Includes agricultural product storage; textile, fibre and clothing storage; processed food and beverage storage; flammable liquids, gas and petroleum products storage; wood, furniture, and paper products storage; chemical, paint and plastic storage; metal products, machinery, and electrical appliance storage and vehicle storage.

**Special Property**: Transportation Equipment: mainly outdoor property and transport equipment. Includes outdoor property, piers, buildings under construction or demolition, watercraft, rail transport vehicles, ground transport vehicles, aircraft and other special equipment.

**Miscellaneous**: includes laboratories, farm facilities, outbuildings, utilities, glass and pottery manufacturing, mining, communications and nucleonics.

## SOURCE OF IGNITION

The actual equipment, device or object which brings about ignition.

**Cooking Equipment**: includes stove, range, food warming appliance, deep fat fryer, broiler and portable cooking unit.

**Heating Equipment**: includes central heating unit, service water heater, space heater, fireplace, chimney, flue pipe and steam or hot water pipe.

**Appliances and Equipment**: includes dryer, air conditioning equipment, pressing iron and incinerator.

**Smoker's Material and "Open" Flames**: cigarettes, pipes, cigars and/or matches, lighters when used in conjunction with smoking. Includes matches and lighters not associated with smoker's material, candles, cutting torches, welding equipment and hot ashes.

**Exposure**: includes exposure from an attached or detached structure, lumber yard, open fire, forest, grass and brush.

**Miscellaneous**: includes internal combustion engine, heat treatment equipment, industrial oven, tar pot, fireworks, conveyors, commercial and industrial machinery and chemical reactions.